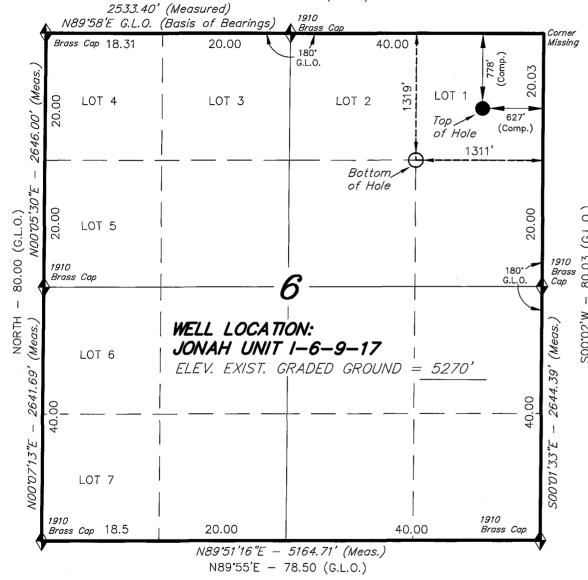
Form 3160-3 FORM APPROVED OMB No. 1004-0136 (September 2001) Expires January 31, 2004 UNITED STATES DEPARTMENT OF THE INTERIOR 5. Lease Serial No. BUREAU OF LAND MANAGEMENT UTU-020252A If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. la. Type of Work: I DRILL ☐ REENTER Jonah Unit 8. Lease Name and Well No. Jonah Federal I-6-9-17 2. Name of Operator **Newfield Production Company** 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Explorator Route #3 Box 3630, Myton UT 84052 (435) 646-3721 Monument Butte Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T., R., M., or Blk. and Survey or Area At surface NE/NE (Lot#1) 778' FNL 627' FEL Sec. 6, T9S R17E At proposed prod. zone SW/NE 1319' FNL 1311' FEL 14. Distance in miles and direction from nearest town or post office* 12. County or Parish 13. State Approximatley 13.3 miles southeast of Myton, Utah Duchesne UT 15. Distance from proposed* 16. No. of Acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1311' f/lse, 1319' f/unit 637.35 20 Acres 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1204' 6180' UTB000192 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 5270' GL 2nd Quarter 2007 Approximately seven (7) days from spud to rig release 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see 2. A Drilling Plan. Item 20 above). A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification. Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. Name (Printed/Typed) Date Mandie Crozier 1/9/07 ecialist Name (Printed/Typed) BRADLEY G. HILI **PNVIRONMENTAL MANAGER** Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. RECEIVED *(Instructions on reverse) Surf 581759X BUL JAN 1 6 2007 Federal Approval of this Action is Necessary DIV. OF OIL, GAS & MINING 581552X 40.065010

-110.043754

-110 041 302

T9S, R17E, S.L.B.&M.

N89°58'E - 78.31 (G.L.O.)



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) JONAH UNIT I-6-9-17 (Surface Location) NAD 83 LATITUDE = 40° 03' 53.98" LONGITUDE = 110° 02' 31.89"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT I-6-9-17, LOCATED AS SHOWN IN LOT 1 OF SECTION 6, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



Note:

- The bottom of hole (I-6-9-17 SW/NE) bears S51°40'29"W 872.26' from the Top of Hole.
- 2. The Proposed Top of Hole bears S68*41'34"E 2139.11' from the North 1/4 Corner of Section 6.
- 3. The Proposed bottom of hole bears N44'47'12"W 1857.58' from the North 1/4 Corner of Section 6.

THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS PREPARED FROM FIELD OF ACTUOL SURVEYS MADE BY ME OR UNDER MY SUPPRESSION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEP. No. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 11-07-06	SURVEYED BY: D.G.
DATE DRAWN: 11-14-06	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #I-6-9-17 AT SURFACE: NE/NE SECTION 6, T9S, R17E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 2220' Green River 2220' Wasatch 6180'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 2220' - 6180' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE</u>:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY JONAH FEDERAL #I-6-9-17 AT SURFACE: NE/NE (LOT #1) SECTION 6, T9S, R17E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site Jonah Federal #I-6-9-17 located in the NE 1/4 NE 1/4 Section 6, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 8.9 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.0 miles \pm to the existing Allen Federal 41-6 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Allen Federal 41-6 well pad. See attached **Topographic Map "B"**.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Allen Federal 41-6 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Jonah Federal I-6-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Jonah Federal I-6-9-17 will be drilled off of the existing Allen Federal 41-6 well pad. No additional surface disturbance will be required for this location.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

 SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

Newfield Production Company requests 30' of disturbed area in Lease UTU-020252A to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Ferruginous Hawk: Due to this proposed well location's proximity (less that 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between March 1 and July 31. If the nest remains inactive on May 30th (based on a preconstruction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Red Tail Hawk: Due to this proposed well location's proximity (less that 0.5 mile) to an existing inactive red tail hawk nest site, no new construction or surface disturbing activities will be allowed between May 1 and July 15. If the nest remains inactive on May 30th (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale

Atriplex Centertifolia

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal #I-6-9-17 was on-sited on 12/8/06. The following were present; Dave Allred (Newfeild Production), Kim Kettle (Newfeild Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. <u>LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION</u>

Representative

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #I-6-9-17 Section 6, Township 9S, Range 17E: Lease UTU-020252A Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/9/07

Date

Mandie Crozier

Regulatory Specialist

Newfield Production Company



Project: Duchesne County, UT Site: Jonah Unit I-6-9-17

Well: Jonah Unit I-6-9-17

Wellbore: OH Design: Plan #1



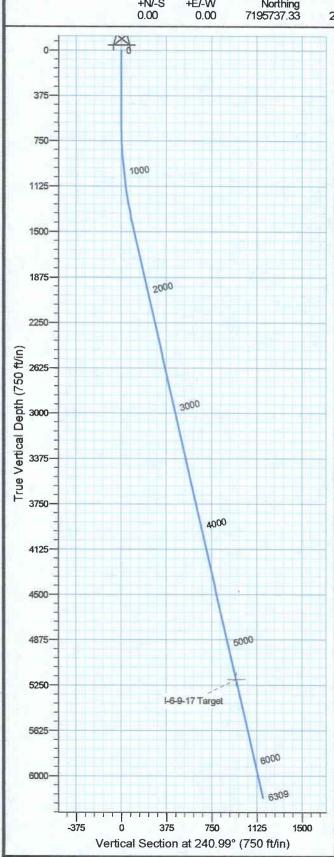


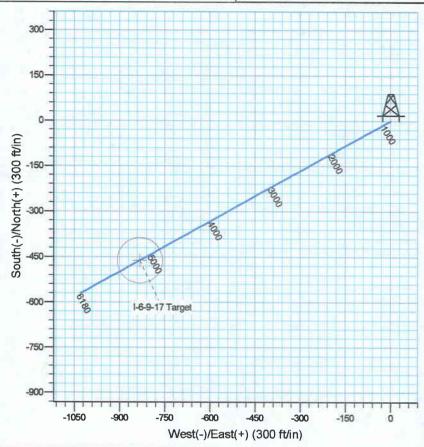
Azimuths to True North Magnetic North: 11.87°

> Magnetic Field Strength: 52749.7nT Dip Angle: 65.93° Date: 2006-12-15 Model: IGRF2005-10

WELL DETAILS: Jonah Unit I-6-9-17

GL 5270' & RKB 12' @ 5282.00ft 5270.00 +N/-S +E/-W Northing Easting Latitude Longitude 0.00 0.00 7195737.33 2048401.18 40° 3' 53.980 N 110° 2' 31.890 W





FORMATION TOP DETAILS	Plan: Plan #1 (Jonah U	Jnit I-6-9-17/OH)
tion data is available	Created By: Julie Cruse	Date: 2006-12-15

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone

System Datum: Mean Sea Level Local North: No north reference data is available

SECTION DETAILS

S	ec MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
	1 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	2 600.00	0.00	0.00	600,00	0.00	0.00	0.00	0.00	0.00	
						-83.91				
	45303.80	12.87	240.99	5200.00	-462.00	-833.00	0.00	0.00	952.54	I-6-9-17 Target
	56309.06	12.87	240.99	6180.00	-570,60	-1028.80	0.00	0.00	1176.44	

Newfield Exploration Co.

Duchesne County, UT Jonah Unit I-6-9-17 Jonah Unit I-6-9-17 OH

Plan: Plan #1

Standard Planning Report

15 December, 2006

Scientific Drilling

Planning Report

Database:

EDM 2003.14.1.0 Single User Db

Company: Project:

Newfield Exploration Co. Duchesne County, UT Jonah Unit I-6-9-17

Site: Well:

Jonah Unit I-6-9-17

Wellbore: Design:

OH Plan #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well Jonah Unit I-6-9-17

GL 5270' & RKB 12' @ 5282.00ft GL 5270' & RKB 12' @ 5282.00ft

True

Minimum Curvature

Project

Duchesne County, UT

Map System:

US State Plane 1983

Geo Datum:

North American Datum 1983

Map Zone:

Utah Central Zone

System Datum:

Mean Sea Level

Site

From:

Jonah Unit I-6-9-17, Sec 6 T9S R17E

Site Position:

Lat/Long

Northing: Easting:

7,195,737.34ft 2,048,401.18 ft

Latitude:

Longitude:

40° 3' 53.980 N 110° 2' 31.890 W

Position Uncertainty:

0.00 ft

Slot Radius:

Grid Convergence:

0.93°

Well

Jonah Unit I-6-9-17, 778' FNL, 627' FEL

Well Position

+N/-S

0.00 ft

Northing:

7,195,737.33 ft 2,048,401.18 ft

11.87

Latitude: Longitude: 40° 3' 53.980 N

Position Uncertainty

+E/-W

0.00 ft 0.00 ft Easting:

2006-12-15

Wellhead Elevation:

Ground Level:

110° 2' 31.890 W 5,270.00 ft

Wellbore

OH

Plan #1

Magnetics

Model Name

IGRF2005-10

umpie Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

52,750

Design **Audit Notes:**

Version:

Phase:

0.00

PLAN

Tie On Depth:

0.00

65.93

Vertical Section:

Depth From (TVD) (ft)

+N/-S (ft) 0.00

+E/-W **(ft)** 0.00

Direction (°) 240.99

lan Sections										
Measured Depth (ft)	inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,457.97	12.87	240.99	1,450.77	-46.54	-83.91	1.50	1.50	0.00	240.99	
5,303.80	12.87	240.99	5,200.00	-462.00	-833.00	0.00	0.00	0.00	0.00	I-6-9-17 Target
6,309.06	12.87	240.99	6,180.00	-570.60	-1,028.80	0.00	0.00	0.00	0.00	J

Scientific Drilling

Planning Report

Database:

EDM 2003.14.1.0 Single User Db

Company: Project: Newfield Exploration Co. Duchesne County, UT Jonah Unit I-6-9-17

Jonah Unit I-6-9-17

Site: Well: Wellbore: Design:

OH Plan #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Jonah Unit I-6-9-17

GL 5270' & RKB 12' @ 5282.00ft GL 5270' & RKB 12' @ 5282.00ft

True

Minimum Curvature

nned Survey		100								
Measured			Vertical			Vertical	Dogleg	Bulki	Turn	
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate		
(ft)	A Company of the Comp		(ft)			(ft)			Rate	
(44)	(7)	(°)	(id)	(ft)	(ft)	(14)	(°/100ft)	(°/100ft)	(°/100ft)	
0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00		0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00		0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00					
600.00		0.00	600.00			0.00	0.00	0.00	0.00	
700.00				0.00	0.00	0.00	0.00	0.00	0.00	
		240.99	699.99	-0.63	-1.14	1.31	1.50	1.50	0.00	
800.00		240.99	799.91	-2.54	-4.58	5.23	1.50	1.50	0.00	
900.00	4.50	240.99	899.69	-5.71	-10.30	11.77	1.50	1.50	0.00	
1,000.00	6.00	240.99	999.27	-10.15	-18.30	20.92	1.50	1.50	0.00	
1,100.00		240.99	1,098.57	-15.85	-28.58	32.68	1.50	1.50		
1,200.00		240.99	1,197.54	-22.81	-41.13	47.03	1.50	1.50	0.00	
1,300.00		240.99	1,296.09	-31.02	-55.93	63.96			0.00	
1,400.00		240.99	1,394.16	-31.02 -40.48	-33.93 -72.99		1.50	1.50	0.00	
·			•	-40.40	-12.99	83.47	1.50	1.50	0.00	
1,457.97		240.99	1,450.77	-46.54	-83.91	95.95	1.50	1.50	0.00	
1,500.00	12.87	240.99	1,491.75	-51.08	-92.10	105.31	0.00	0.00	0.00	
1,600.00	12.87	240.99	1,589.24	-61.88	-111.58	127.59	0.00	0.00	0.00	
1,700.00		240.99	1,686.72	-72.68	-131.05	149.86	0.00	0.00	0.00	
1,800.00		240.99	1,784.21	-83.49	-150.53	172.13	0.00	0.00	0.00	
-			· ·						0.00	
1,900.00		240.99	1,881.70	-94.29	-170.01	194.41	0.00	0.00	0.00	
2,000.00		240.99	1,979.19	-105.09	-189.49	216.68	0.00	0.00	0.00	
2,100.00		240.99	2,076.68	-115.90	-208.96	238.95	0.00	0.00	0.00	
2,200.00	12.87	240.99	2,174.16	-126.70	-228.44	261.23	0.00	0.00	0.00	
2,300.00	12.87	240.99	2,271.65	-137.50	-247.92	283.50	0.00	0.00	0.00	
2,400.00	40.07	0.40.00	0.000.44	4 40 04	207.42					
		240.99	2,369.14	-148.31	-267.40	305.77	0.00	0.00	0.00	
2,500.00		240.99	2,466.63	-159.11	-286.88	328.05	0.00	0.00	0.00	
2,600.00		240.99	2,564.12	-169.91	-306.35	350.32	0.00	0.00	0.00	
2,700.00		240.99	2,661.60	-180.71	-325.83	372.59	0.00	0.00	0.00	
2,800.00	12.87	240.99	2,759.09	-191.52	-345.31	394.86	0.00	0.00	0.00	
2,900.00	12.87	240.99	2,856.58	-202.32	-364.79	447 4 4	0.00	0.00	0.00	
3,000.00						417.14	0.00	0.00	0.00	
•		240.99	2,954.07	-213.12	-384.27	439.41	0.00	0.00	0.00	
3,100.00		240.99	3,051.56	-223.93	-403.74	461.68	0.00	0.00	0.00	
3,200.00		240.99	3,149.04	-234.73	-423.22	483.96	0.00	0.00	0.00	
3,300.00	12.87	240.99	3,246.53	-245.53	-442.70	506.23	0.00	0.00	0.00	
3,400.00	12.87	240.99	3,344.02	-256.33	-462.18	528.50	0.00	0.00	0.00	
3,500.00		240.99	3,441.51	-256.55 -267.14	-481.66	550.78				
3,600.00			•				0.00	0.00	0.00	
3,700.00		240.99	3,539.00	-277.94	-501.13	573.05	0.00	0.00	0.00	
		240.99	3,636.48	-288.74	-520.61	595.32	0.00	0.00	0.00	
3,800.00	12.87	240.99	3,733.97	-299.55	-540.09	617.60	0.00	0.00	0.00	
3,900.00	12.87	240.99	3.831.46	-310.35	-559.57	639.87	0.00	0.00	0.00	
4,000.00		240.99	3,928.95	-321.15	-579.05	662.14	0.00	0.00		
4,100.00		240.99	4,026.44	-331.95					0.00	
4,200.00		240.99 240.99	4,026.44 4,123.92		-598.52	684.42	0.00	0.00	0.00	
4,300.00				-342.76	-618.00	706.69	0.00	0.00	0.00	
4,300.00	12.87	240.99	4,221.41	-353,56	-637.48	728.96	0.00	0.00	0.00	
4,400.00	12.87	240.99	4,318.90	-364.36	-656.96	751.23	0.00	0.00	0.00	
4,500.00		240.99	4,416.39	-375.17	-676.44	773.51	0.00	0.00	0.00	
4,600.00		240.99	4,513.88	-385.97	-695.91	795.78	0.00			
4,700.00		240.99°	4,611.36					0.00	0.00	
4,800.00				-396.77 407.57	-715. 39	818.05	0.00	0.00	0.00	
4,000.00	12.87	240.99	4,708.85	-407.57	-734.87	840.33	0.00	0.00	0.00	
4,900.00	12.87	240.99	4,806.34	-418.38	-754.35	862.60	0.00	0.00	0.00	
5,000.00		240.99	4,903.83	-429.18	-773.83	884.87	0.00	0.00	0.00	
5,100.00		240.99	5,001.32	-439.98	-793.30	907.15	0.00	0.00	0.00	
5,200.00		240.99	5,098.80	-450.79	-812.78	929.42	0.00	0.00	0.00	

Scientific Drilling

Planning Report

Database:

EDM 2003.14.1.0 Single User Db

Company: Project: Newfield Exploration Co. Duchesne County, UT

Site: Well: Jonah Unit I-6-9-17 Jonah Unit I-6-9-17

Wellbore: Design: OH Plan #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well Jonah Unit I-6-9-17

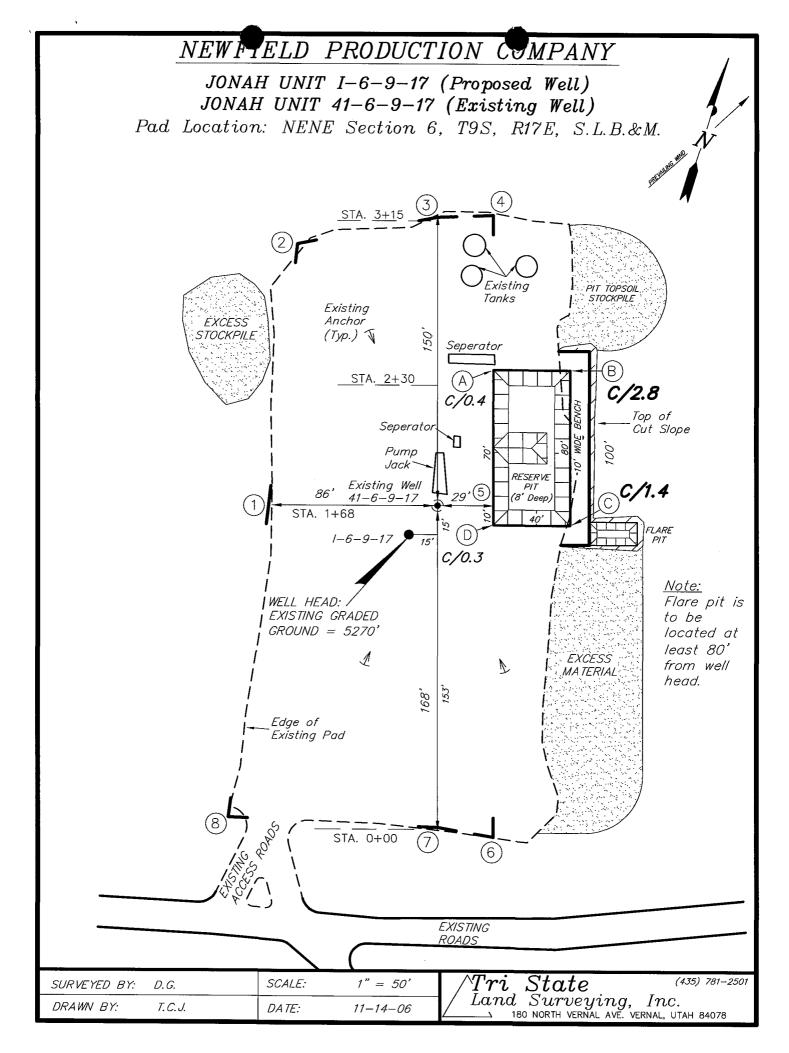
GL 5270' & RKB 12' @ 5282.00ft GL 5270' & RKB 12' @ 5282.00ft

True

Minimum Curvature

lanned Survey									
Measured Depth (ft)	inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/199ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	12.87	240.99	5,196.29	-461.59	-832.26	951.69	0.00	0.00	0.00
5,303.80	12.87	240.99	5,200.00	-462.00	-833,00	952.54	0.00	0.00	0.00
I-6-9-17 Targ	et								3.33
5,400.00	12.87	240.99	5,293.78	-472.39	-851.74	973.97	0.00	0.00	0.00
5,500.00	12.87	240.99	5,391.27	-483.19	-871.21	996.24	0.00	0.00	0.00
5,600.00	12.87	240.99	5,488.76	-494.00	-890.69	1,018.51	0.00	0.00	0.00
5,700.00	12.87	240.99	5,586.24	-504.80	-910.17	1,040.79	0.00	0.00	0.00
5,800.00	12.87	240.99	5,683.73	-515.60	-929.65	1,063.06	0.00	0.00	0.00
5,900.00	12.87	240.99	5,781.22	-526.41	-949.13	1,085.33	0.00	0.00	0.00
6,000.00	12.87	240.99	5,878.71	-537.21	-968.60	1,107.60	0.00	0.00	0.00
6,100.00	12.87	240.99	5,976.20	-548.01	-988.08	1,129.88	0.00	0.00	0.00
6,200.00	12.87	240.99	6,073.68	-558.82	-1,007.56	1,152.15	0.00	0.00	0.00
6,300.00	12.87	240.99	6,171.17	-569.62	-1,027.04	1,174,42	0.00	0.00	0.00
6,309.06	12.87	240.99	6,180.00	-570.60	-1,028.80	1,176.44	0.00	0.00	0.00

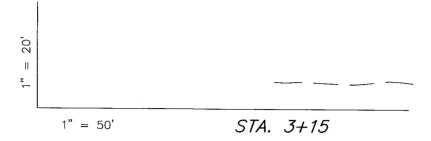
Targets			, , , , , , , , , , , , , , , , , , , ,						
Target Name									
- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (*)	TVD (ft)	+N/-S (ft)	(ft) +E/-W	Northing (ft)	Easting (ft)	Latitude	Longitude
I-6-9-17 Target - plan hits target - Circle (radius 75.0	0.00	0.00	5,200.00	-462.00	-833.00	7,195,261.82	2,047,575.82	40° 3′ 49.414 N	110° 2' 42.605 W

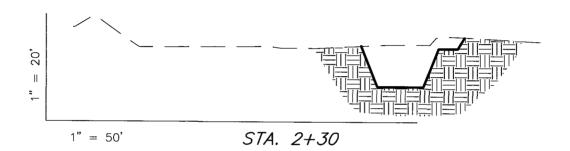


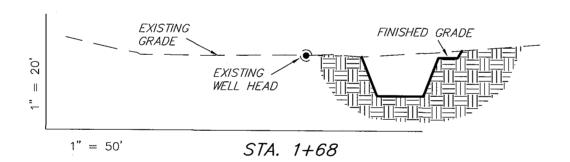
NEWFIELD PRODUCTION COMPANY

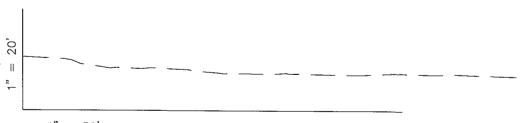
CROSS SECTIONS

JONAH UNIT I-6-9-17 (Proposed Well) JONAH UNIT 41-6-9-17 (Existing Well)









1" = 50'

STA. 0+00

	ESTIMATED EARTHWORK QUANTITIES	Š
	(No Shrink or swell adjustments have been u	sed)
1	(Expressed in Cubic Yards)	

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	110	10	Topsoil is not included	100
PIT	640	0	in Pad Cut	640
TOTALS	750	10	130	740

NOTE: UNLESS OTHERWISE NOTED CUT & FILL SLOPES ARE AT 1.5:1

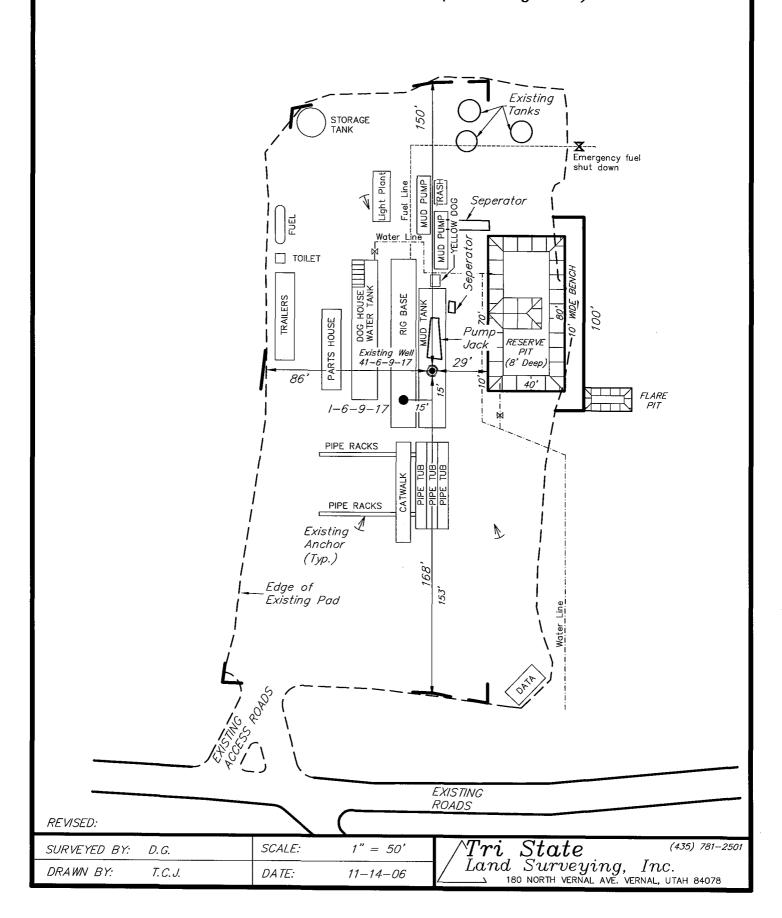
SURVEYED BY:	D.G.	SCALE:	1" = 50'
DRAWN BY:	T. C. J.	DATE:	11-14-06

igwedge Tri State (435) 781–2501 igwedge Land Surveying, Inc. 180 North Vernal Ave. Vernal, UTAH 84078

NEWY IELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT I-6-9-17 (Proposed Well) JONAH UNIT 41-6-9-17 (Existing Well)



Newfield Production Company Proposed Site Facility Diagram

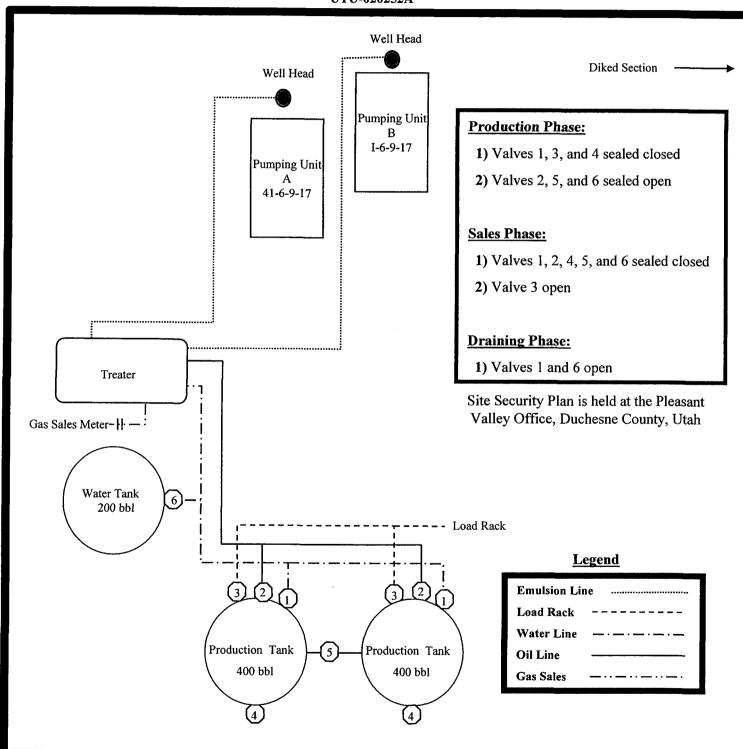
Jonah Federal I-6-9-17

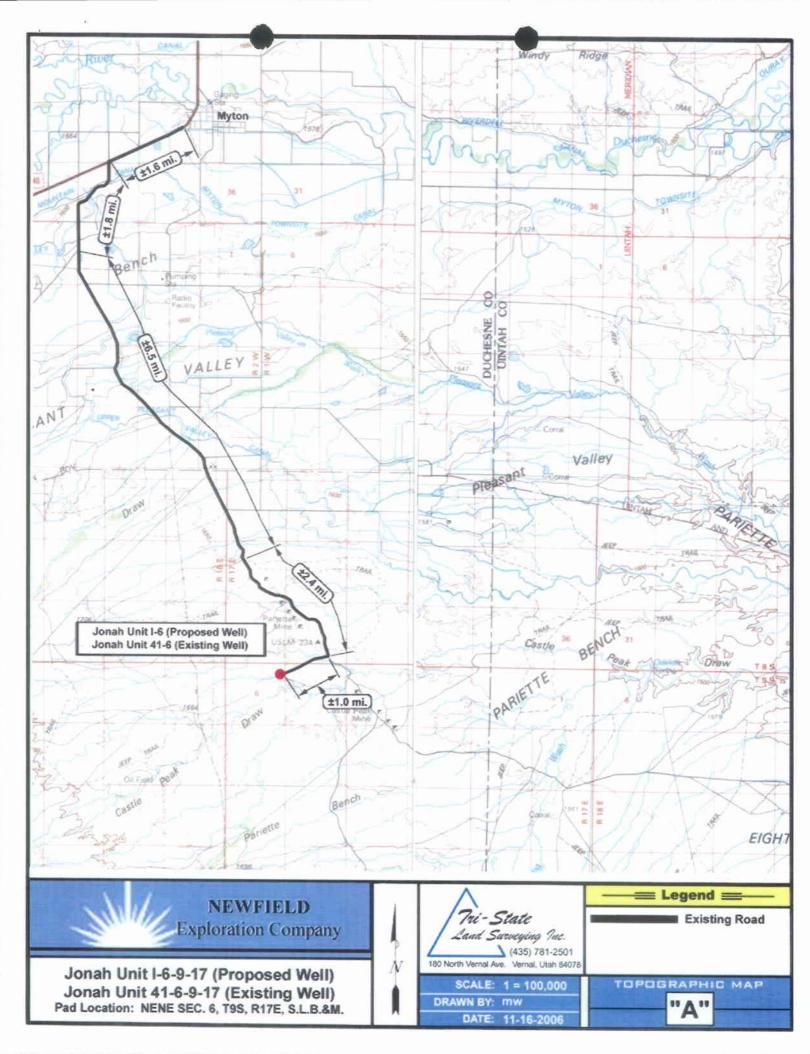
From the existing 41-6-9-17 Location

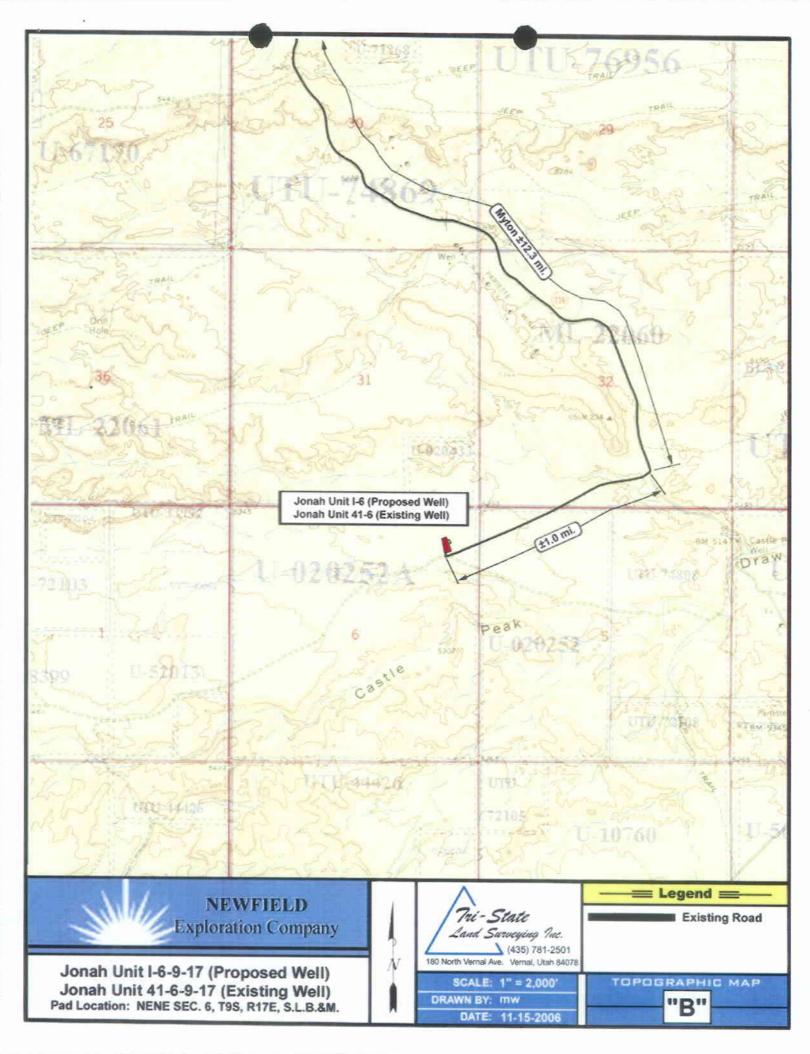
NE/NE Sec. 6 T9S, 17E

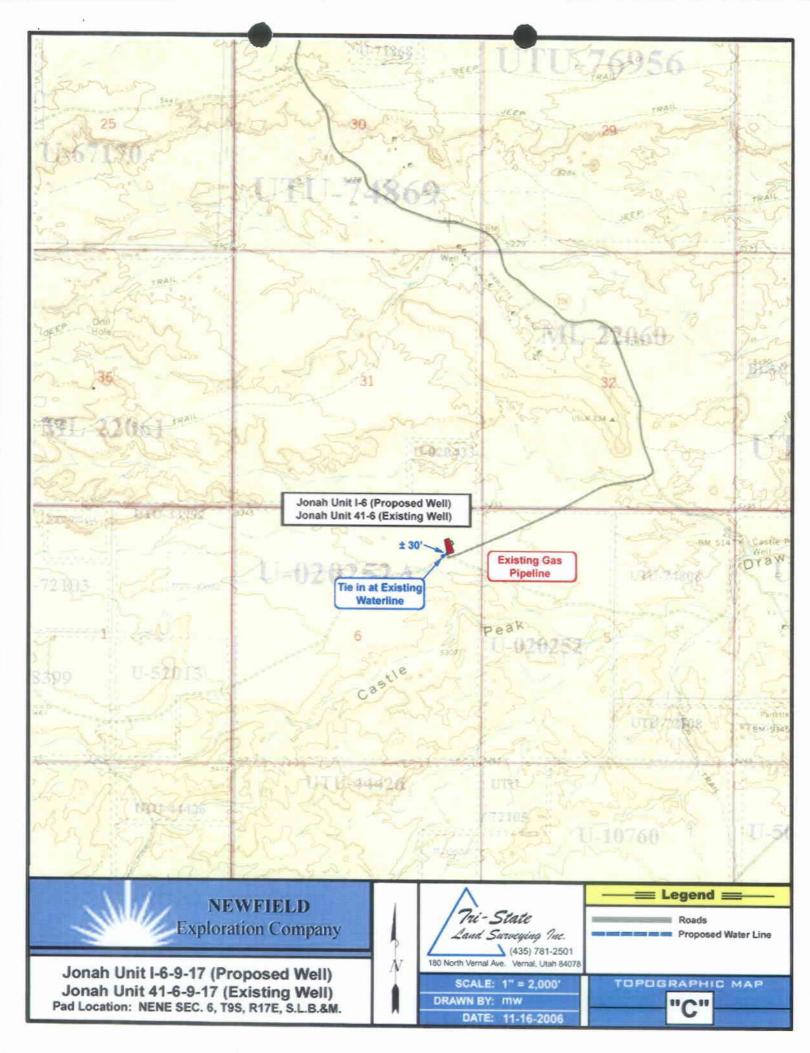
Duchesne County, Utah

UTU-020252A

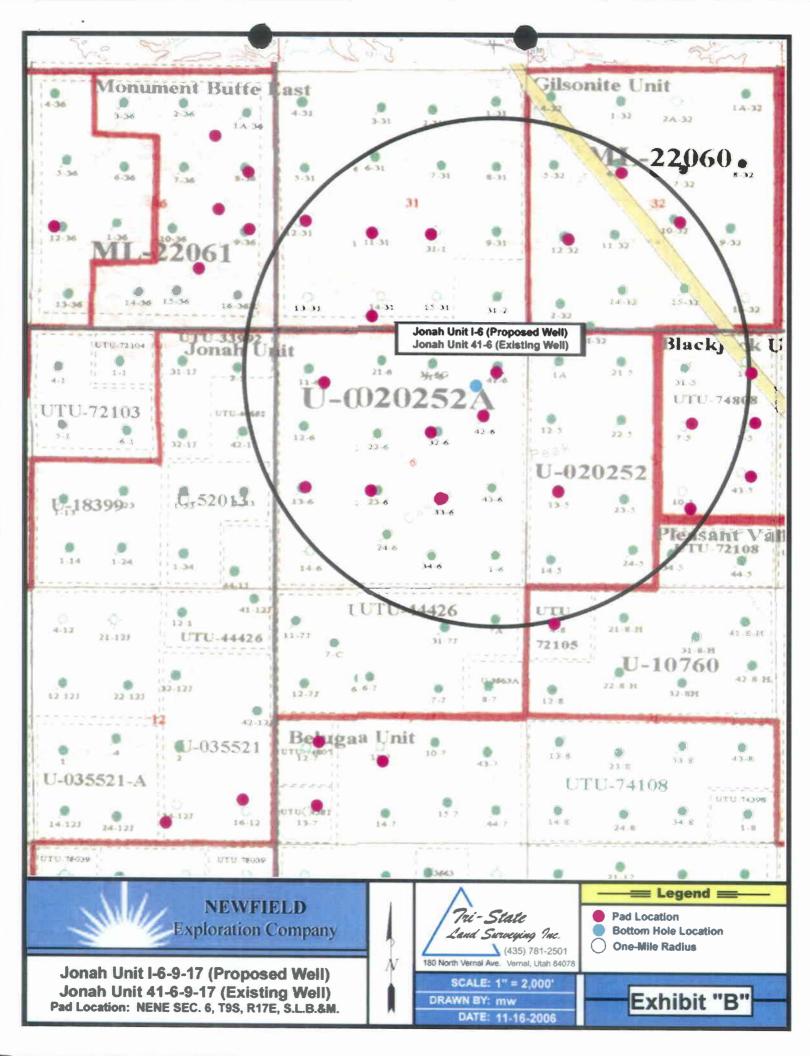








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21	22	T48-F	3VV	24	10	20	21	n	28	24	Si Si Si si	t9 3	o	28	22	11-20		Y S	19	T45-	R1E -	Water Injection W Dry Hote Temporarily Aban Plugged & Aband Shut In	ndoned
29	27		20	25	30 30	21		Hawkeye	10 10 10	12 Sa 152 254 154 Sa 152 154 154 Innumenter Butte 217 St 1548	19 292 29 292 194	TBS-R 20 620 638 638	18 17 Est. (2) 18 18 18 18 18 18 18 18 18 18 18 18 18	22 Convention 15 15 15 15 15 15 15 15 15 15 15 15 15	in the	h in in	Car con the	5 10	30 20	23	28	Water Source We Water Disposel W Injection Stations OlfOutlines	Ve#
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, 158	-R3\	-/	30 KM	West Point	64 15 25 21 18 16 21 16 20 16 20 16	2 622 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	633 / 634 5336 / 12348 /	131 831 13 6 138 64 1535	50 605 000 0	in the line of	En ^{not} Kn nöt Börnön * såt	62 64 (2 64 42 / 44 (4	11-23 10-33 5	D 12-21 11-21 1	. 15 131	56	HOMESON FOR	101 831 101831 101 1001 131	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	33 34 24	654 34 354 4154 76540	135 135 235 235 1 1234 2315 1 134 2315 1	20 20 20 20 20 20 20 20 20 20 20 20 20 2
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21 6.1	12 Ge	ala sia sia 1 ala ala sia 3 m	14 143 243 243 14 14 243 243 10 12 13 1410	1.75 21.75 1.75 1.75 1.75	187 350 188 617 517 1038 619 617	16	11-15	45.05 5.04 6	16 2 4 5 12 14 2 4 5 12 154 254 3 12	다. 다. 다. 다. 다. 다. 다. 다.	.t.Z.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	180 190	14 25 ola Ca	- 4	A	หรือ หรือ 13 หรือ ปีโว หรือ หรือ หรือ หรือ	afin 15°n afi	5.97 7.97	16	13e 33e	14 33.54	12
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Blowout Prevention Equipment Systems

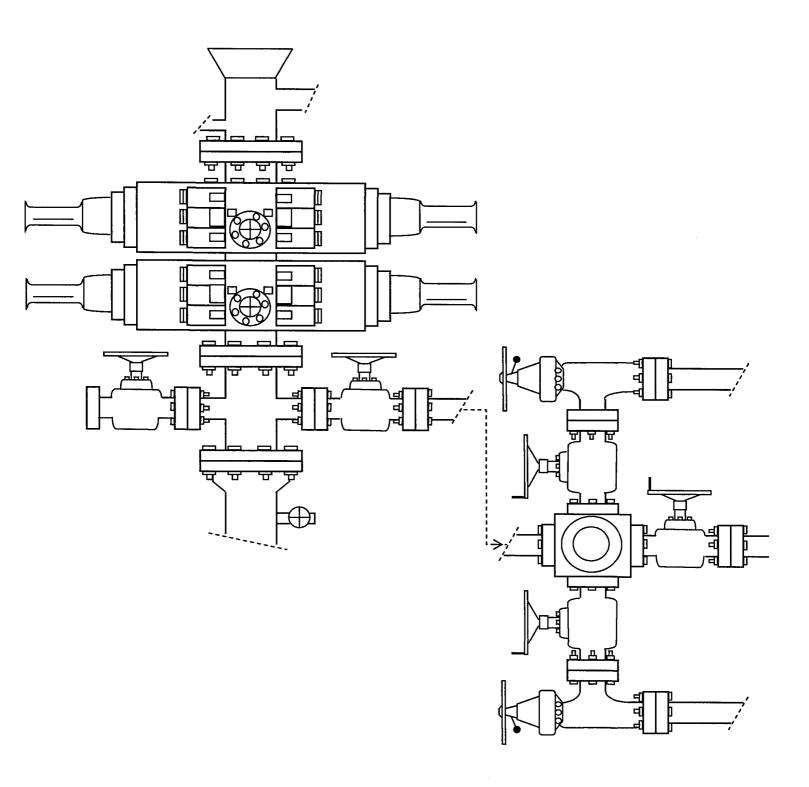
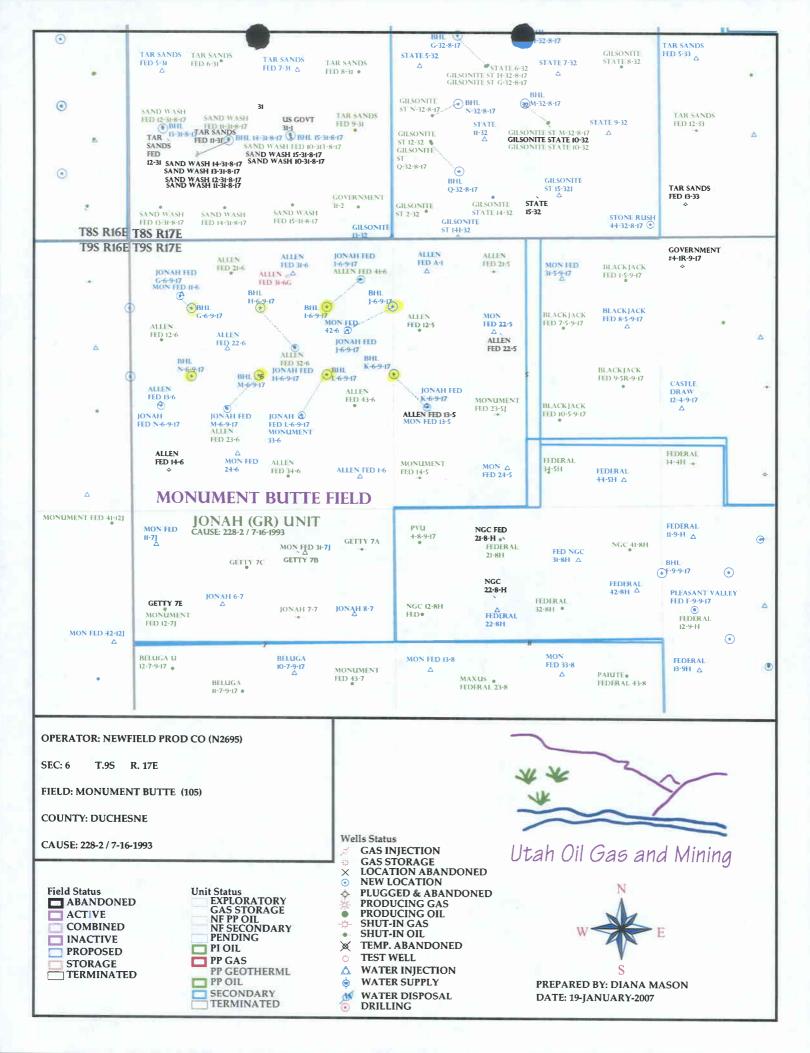


EXHIBIT C

APD RECEIVED: 01/16/2007	API NO. ASSIGNED: 43-013-33495
WELL NAME: JONAH FED I-6-9-17	
OPERATOR: NEWFIELD PRODUCTION (N2695)	PHONE NUMBER: 435-646-3721
CONTACT: MANDIE CROZIER	
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NENE 06 090S 170E SW/NE SURFACE: 0778 FNL 0627 FEL	Tech Review Initials Date
BOTTOM: 1319 FNL 1311 FEL	Engineering
COUNTY: DUCHESNE	Coology
LATITUDE: 40.06501 LONGITUDE: -110.0413	Geology
UTM SURF EASTINGS: 581759 NORTHINGS: 44352	Surface
FIELD NAME: MONUMENT BUTTE (105)
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-020252A SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. UTB000192) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) ALLA Fee Surf Agreement (Y/N) JUM Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: JONAH (GREEN RIVER) R649-3-2. General
STIPULATIONS: 1. Columbia	na O





January 17, 2007

Ms. Diana Mason State of Utah, Div. of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

Re: Direction

Directional Drilling R649-3-11

Jonah Unit UTU-72086A

Various Wells & Locations (See Attached)

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 01/09/07 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the Jonah Unit UTU-72086A. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Jonah Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Jonah Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

Newfield Production Company

Rhonda Deimer Land Associate **RECEIVED**

JAN 2 Z 2007

DIV. OF OIL, GAS & MINING

Enclosures

DIRECTIONAL DRILLING R649-3-11 WELL EXHIBIT JONAH UNIT UTU-72086A DUCHESNE COUNTY, UTAH

Jonah Federal G-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

1085' FNL, 990' FWL (at surface)

1322' FNL, 1212' FWL (bottomhole)

Section 6-T9S-R17E

Jonah Federal H-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

2122' FNL, 1938' FEL (at surface)

1320' FNL, 2622' FEL (bottomhole)

Section 6-T9S-R17E

Jonah Federal I-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

778' FNL, 627' FEL (at surface)

1319' FNL, 1311' FEL (bottomhole)

Section 6-T9S-R17E

Jonah Federal J-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

1784' FNL, 900' FEL (at surface)

1317' FNL, 0' FEL (bottomhole)

Section 6-T9S-R17E

Jonah Federal K-6-9-17

BLM Lease #s U-020252 (surface) and U-020252A (bottomhole)

1977' FSL, 664' FWL of Section 5-9S-17E (at surface)

2644' FSL, 0' FEL of Section 6-9S-17E (bottomhole)

Section 6-T9S-R17E

Jonah Federal L-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

1846' FSL, 1813' FEL (at surface)

2644' FSL, 1313' FEL (bottomhole)

Section 6-T9S-R17E

Jonah Federal M-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

1987' FSL, 1906' FWL (at surface)

2643' FSL, 2533' FWL (bottomhole)

Section 6-T9S-R17E

Jonah Federal N-6-9-17

BLM Lease #s U-020252A (surface & bottomhole)

2060' FSL, 598' FWL (at surface)

2642' FSL, 1213' FWL (bottomhole)

Section 6-T9S-R17E

United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

January 24, 2007

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

API#

2007 Plan of Development Jonah Unit, Duchesne County.

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Jonah Unit, Duchesne County, Utah.

LOCATION

(Proposed PZ Green River)

WELL NAME

43-013-33493 Jonah Fed G-6-9-17 Sec 6 T09S R17E 1085 FNL 0990 FWL BHL Sec 6 T09S R17E 1322 FNL 1212 FWL

43-013-33494 Jonah Fed H-6-9-17 Sec 6 T09S R17E 2122 FNL 1938 FEL BHL Sec 6 T09S R17E 1320 FNL 2622 FEL

43-013-33495 Jonah Fed I-6-9-17 Sec 6 T09S R17E 0778 FNL 0627 FEL BHL Sec 6 T09S R17E 1319 FNL 1311 FEL

43-013-33496 Jonah Fed J-6-9-17 Sec 6 T09S R17E 1784 FNL 0900 FEL BHL Sec 6 T09S R17E 1317 FNL 0000 FEL

43-013-33497 Jonah Fed K-6-9-17 Sec 5 T09S R17E 1977 FSL 0664 FWL BHL Sec 6 T09S R17E 2644 FSL 0000 FEL

43-013-33498 Jonah Fed L-6-9-17 Sec 6 T09S R17E 1846 FSL 1813 FEL BHL Sec 6 T09S R17E 2644 FSL 1313 FEL

43-013-33499 Jonah Fed M-6-9-17 Sec 6 T09S R17E 1987 FSL 1906 FWL BHL Sec 6 T09S R17E 2643 FSL 2533 FWL

43-013-33500 Jonah Fed N-6-9-17 Sec 6 T09S R17E 2060 FSL 0598 FWL BHL Sec 6 T09S R17E 2642 FSL 1213 FWL

Page 2

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Jonah Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:1-24-07



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > January 30, 2007

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

Jonah Federal I-6-9-17 Well, Surface Location 778' FNL, 627' FEL, NE NE, Sec. 6, T. 9 South, R. 17 East, Bottom Location 1319' FNL, 1311' FEL, SW NE, Sec. 6, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33495.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company		
Well Name & Number	Jonah 1	Federal I-6-9-17	
API Number:	43-013	-33495	
Lease:	UTU-020252A		
Surface Location: <u>NE NE</u>	Sec. 6	T. 9 South	R. 17 East
Bottom Location: SW NE	Sec. 6	T. 9 South	R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Form 3160-3 (September 2001)

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

UTU-020252A

5. Lease Serial No.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

JAN 1 8 2007

APPLICATION FOR PERMIT TO DRILL OR REENTER			6. If Indian, Allottee or	Tribe Name
		1810 A 4 1	N/A	
1a. Type of Work: DRILL REENTE	DEWINE,	11/111	7. If Unit or CA Agreeme	ent, Name and No.
THE TYPE OF WORLD CONTROL OF REENTE	N.		Jonah Unit	
			8. Lease Name and Well	No.
1b. Type of Well: Oil Well Gas Well Other	Single Zone 🛄 Multi	ple Zone	Jonah Federal I-6-9-17	7
2. Name of Operator 9. API Well No.				
Newfield Production Company			43.013.5	3495
3a. Address 3b. Phone No. (include area code)			10. Field and Pool, or Exploratory	
Route #3 Box 3630, Myton UT 84052 (435) 646-3721			Monument Butte	
4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T., R., M., or Bl			and Survey or Area	
At surface NE/NE (CO) 778' FNL 627' FEL				
At proposed prod. zone SW/NE 1319' FNL 1311' FEL			Έ	
				112 0
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State
Approximatley 13.3 miles southeast of Myton, Utah			Duchesne	<u> </u>
15. Distance from proposed* location to nearest	16. No. of Acres in lease	17. Spacing	g Unit dedicated to this well	
property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1311' f/lse, 1319' f/unit	637.35		20 Acres	
(17.00 to floatest difg. diff. file, if diff)				
18. Distance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth	20. BLM/E	SIA Bond No. on file	
applied for, on this lease, ft. Approx. 1204'	6180'	ι	JTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration	
5270' GL	2nd Quarter 2007		Approximately seven (7) days from s	spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name (Printed/Typed)	Date	
Il familionen	Mandie Crozier	¦ 1/9/07	
Title			
Regulatory Specialist		i .	
Approved by (Signature)	Name (Printed/Typed)	Date	
Ly Jonest	JERRY KENCEKS	8-6-2007	
Title Assistant Field Manager	Office		
Lands & Mineral Resources	VERNAL FIELD OFFICE		
Application approval does not warrant or cartify the the applicant holds	large or aquitable title to those rights in the subject longs of	which would entitle the applicant to condu	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

RECEIVED

AUG 1 3 2007

No NOS 07PP168RA DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400

Lot 1, Sec 6, T9S, R17E



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

170 South 500 East

Location: Jonah Federal I-6-9-17 Lease No:

UTU-020252A Well No: Jonah Unit Agreement: API No: 43-013-33495

Title Petroleum Engineer: Petroleum Engineer: Petroleum Engineer: Petroleum Engineer: Petroleum Engineer: Supervisory Petroleum Technician: NRS/Enviro Scientist:	Name Matt Baker Michael Lee James Ashley Ryan Angus Jamie Sparger Paul Buhler Karl Wright Holly Villa Chuck MacDonald Jannice Cutler Michael Cutler Anna Figueroa Verlyn Pindell Darren Williams Nathan Packer	Office Phone Number 435-781-4490 435-781-4432 435-781-4470 435-781-4430 435-781-44502 435-781-4475 435-781-4404 435-781-4441 435-781-3400 435-781-3407 435-781-3407 435-781-3402 435-781-3405	Cell Phone Number 435-828-4470 435-828-7875 435-828-7874 435-828-7368 435-828-3913 435-828-4029
NRS/Enviro Scientist:	Nathan Packer	435-781-3405 Fax: 435-781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 8 Well: Jonah Federal I-6-9-17 7/30/2007

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer AO. A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

Specific Surface COAs

STIPULATIONS:

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Lands in this lease have been identified as containing Mountain Plover, Ferruginous Hawk, and Red-tailed Hawk habitats. Modifications to the Surface Use Plan of Operations will be required in order to protect these wildlife species from surface disturbing activities in accordance with Section 6 of the lease term, Endangered Species Act, and 43 CFR 3101.1-2.
- Timing Limitations (during construction and drilling only):
 - > April I through July 15 to protect Red-tailed Hawk nesting season
 - March I through July 15 to minimize disturbance during Ferruginous Hawk nesting
 - > May 15 through June 15 in order to protect Mountain Plover habitat

CONDITIONS OF APPROVAL:

- This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc., signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment.

Page 3 of 8 Well: Jonah Federal I-6-9-17 7/30/2007

If such equipment creates ruts in excess of three inches deep in a straight line travel path, the soil shall be deemed too wet to adequately support construction equipment.

- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The following seed mix (PLS formula) will be used for interim reclamation:

Shadscale (Atriplex confertifolia):

6 lbs/acre

Galleta Grass (Hilaria jamesii)

6 lbs/acre

- Rates are set for drill seeding; double the rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.

 Prior to any treatment on BLM administered lands, a Pesticide Use Proposal will be submitted to the Vernal Field Office for approval.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast

Page 4 of 8 Well: Jonah Federal I-6-9-17 7/30/2007

method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment BOPE shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources such as Gilsonite, tar sands, oil shale, trona, etc. to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth from KB or GL of encounter, vertical footage of the encounter and, the name of the person making the report along with a telephone number should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

Page 6 of 8 Well: Jonah Federal I-6-9-17 7/30/2007

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
 weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
 completed.
- A cement bond log CBL will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of
 Operations" Oil and Gas Operations Report OGOR starting with the month in which operations
 commence and continue each month until the well is physically plugged and abandoned. This
 report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box
 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 303 231-3650 for reporting
 information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ¼¼, Sec., Twn, Rng, and P.M..
 - Date well was placed in a producing status date of first production for which royalty will be paid.
 - o The nature of the well's production, i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons.
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees NTL 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events fires, accidents, blowouts, spills, discharges as specified in NTL 3A will
 be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
 reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
 Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
 Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" BLM Form 3160-4 shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed

on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples cuttings, fluid, and/or gas shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" Form BLM 3160-5 must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Cor	mpany:	NEWFIEL]	D PRO	DUCTION (COMPANY	
Well Name:		JONAH FE	CD I-6-9	9-17		<u>. </u>
Api No:	43-013-3349	95	Le	ase Type:	FEDERAL	
Section 06	Township_	09S Range	17E	County	DUCHESNE	<u>.</u>
Drilling Cor	ntractor	PROPETROCO)	RIG #_	RATHOLE	
SPUDDE	D:					
	Date	09/10/07				
	Time	3:00 PM				
	How	DRY				
Drilling wi	ill Commenc	e:		···		
Reported by		BRANDON H	IALL			
Telephone #		(435) 828-611	10			
Date	09/11/07	Signe	ed	CHD		

CURRENT

ACTION

OPERATOR: NEWFIELD PRODUCTION COMPANY

ADDRESS: RT. 3 BOX 3630

MYTON, UT 84052

OPERATOR ACCT. NO. N2695

000€	ENTITY NO.	ENIFT NO.		MELL NAME	- 00	_		LOCATION		SPUD	EFFECTIVE DATE
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		11702	4301333433	JONAH FED G-6-9-17	WWW	6	98	17E	DUCHESNE	9/7/2007	9/25/07
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В	99999	11492	4301333499	JONAH FED M-6-9-17	NESW	6	98	17E	DUCHESNE	9/8/2007	9/25/07
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_	GRRI							102	DOONEGHE	# 12/2UV1	<u> </u>
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WELL \$ CO							<u>_</u>		1		
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8- W	eti io existing ealily (group or u	rit well)		RECEIVED					uu	M/M	. Jentri Pari

NOTE: Use COAMERS' section to explain why each Action Code was selected.

D - well from one mining entity to a new untity

E - ther (explain in comments section)

DIV. OF OIL, GAS & MINING

SEP 1 3 2007

Jentri Park

09/13/07 Date

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

			Expires	Jant
Lea	se.	Serial	No	

Do not use this form for proposals to drill or to re-enter an					252-A	
abandoned w	ell. Use Form 3160-3 (AP	D) for such proposal	s.	6. If Indian, Allot	ttee or Tribe Name.	
	POP. R. V. L. Office Suite	a deseguagen dage oberhale so.	11,631	7. If Unit or CA/Agreement, Name and/or		
. Type of Well	Nagara da ang ang ang ang ang ang ang ang ang an	and the second section of the section of t		JONAH UNIT		
Oil Well Gas Well	Other			8. Well Name and		
Name of Operator	OMBANY		. , ,	ERAL I-6-9-17		
NEWFIELD PRODUCTION Co a. Address Route 3 Box 3630	OMPANY	3b. Phone (include at	re code)	9. API Well No. 4301333495		
Myton, UT 84052		435.646.3721			ol, or Exploratory Area	
Location of Well (Footage,	Sec., T., R., M., or Survey Descrip	otion)		MONUMENT	BUTTE	
778 FNL 627 FEL				11. County or Par	rish, State	
NENE Section 6 T9S R17E				DUCHESNE,	UT	
12. CHECI	K APPROPRIATE BOX(E	S) TO INIDICATE N	ATURE OF 1	NOTICE, OR OT	THER DATA	
TYPE OF SUBMISSION		TYI	PE OF ACTIO	N		
_	☐ Acidize	Deepen	☐ Product	ion(Start/Resume)	☐ Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclama	,	Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomp	olete	Other	
	Change Plans	Plug & Abandon	☐ Tempor	arily Abandon	Spud Notice	
Final Abandonment	Convert to	Plug Back	Water D	Disposal		
Set @ 321.30'On 9/21/0' yeild. Returned 5 bbls o	NS #1.Spud well @ 3:00 pm 7 cement with 160 sks of cla cement to pit. WOC.	ass "G" w/ 3% CaCL2	+ 1/4# sk Ce	illo- Flake Mixed	@ 15.8 ppg > 1.17 cf/ sk	
nereby certify that the foregoing i	s true and	Title				
nrect (Printed/ Typed) Don Bastian		Drilling Forer	nan			
gnature		Date				
Von Bosti	and	09/21/2007				
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nich would entitle the applicant to con-	duct operations thereon.				rency of the Entred EIVED	
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netwotions on variance)					SEP 2 / 2007	

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

		•	8 5/8	CASING SE	TAT	321.3	-		
LAST CASI	NG <u>8 5/8</u>	<u>"</u> SET	AT 32 <u>1.30'</u>	<u></u>	OPERATOR	₹	NewField	Production	Company
DATUM _	12' KB				WELL		Jonah Fed	deral i-6-9-1	7
DATUM TO	CUT OFF C	ASING _			FIELD/PRO	SPECT _	Monumen	t Butte	
DATUM TO	BRADENH	EAD FLANGE			CONTRACT	FOR & RIG#	<u> </u>	NDSI NS #	1
TD DRILLER	R <u>320'</u>	LOGG	ER						
HOLE SIZE	12 1/	4							
LOG OF CA	SING STRI	NG:						, ·,	
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		<u> </u>			<u> </u>]		
		Shoe	Joint 41.60'						
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·			GUIDE	shoe		0-00	8rd	A	0.9
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TIMING			1ST STAGE		1	-			
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BEGIN PUM	P CMT		9/21/2007	11:25 AM				N/A	
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PLUG DOWI	٧		9/21/2007	11:54 AM					<u> </u>
CEMENT US	ED			CEMENT CO	MPANY-	B. J.		* ****	·
STAGE	# SX			CEMENT TYP	E & ADDITIV	ES			
1	160	Class "G" w/	2% CaCL2 + 1	/4#/sk Cello-F	lake mixed @	15.8 ppg 1.	17 cf/sk yield	•	
							*		
					-				
ENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING									
Centralizers	- Middle fir	st, top seco	nd & third for	3					

DATE <u>9/21/2007</u>

COMPANY REPRESENTATIVE Don Bastian

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Expires January 31,2004	
5. Lease Serial No.	
USA UTU-020252-A	
6. If Indian, Allottee or Tribe Name.	

	MEMBER ARE Francis Since	RES DRIBAN PRO L	a Nell Colores		greement, Name and/or
1. Type of Well	JONAH UNIT	DV.			
	Other			8. Well Name and	1 No. ERAL I-6-9-17
2. Name of Operator NEWFIELD PRODUCTION CO	MADANY				ERAL 1-0-9-17
3a. Address Route 3 Box 3630		3b. Phone (inch	ıde are code)	9. API Well Ño. 4301333495	
Myton, UT 84052		435.646.3721			l, or Exploratory Area
	Sec., T., R., M., or Survey Descripti			MONUMENT I	•
778 FNL 627 FEL		r		11. County or Par	ish, State
NENE Section 6 T9S R17E		.=		DUCHESNE, U	JT
12. CHECK	APPROPRIATE BOX(ES) TO INIDICAT	E NATURE OF N	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
□ Notice of Intent □ Subsequent Report □ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Constructi Plug & Abando Plug Back	Reclamation Recomple	ete rily Abandon	Water Shut-Off Well Integrity Other Weekly Status Report
of the involved operations. If the op Final Abandonment Notices shall be inspection.) On 10/8/07 MIRU NDSI R csgn to 1,500 psi. Vernal cement & shoe. Drill a 7.8 log's TD to surface. PU & with 325 sks cement mixe cement to reserve pit. Nip	performed or provide the Bond No. on feration results in a multiple completion filed only after all requirements, including #2. Set all equipment. Place BLM field, & Roosevelt DOG 175 hole with fresh water to 171H with Guide shoe, shoe and @ 11.0 ppg & 3.43 yld. The ple down Bop's. Drop slips apple down Bop's.	or recompletion in a neing reclamation, have be ressure test Kelly GM office was not a depth of 6235'. jt, float collar, 16 he 400 sks ceme @ 76,000 #'s ter	w interval, a Form 3160-4 een completed, and the op tifed of test. PU BI Lay down drill strii 1 jt's of 5.5 J-55, 1 ant mixed @ 14.4 p	shall be filed once test erator has determined to ifold, & Bop's to HA and tag cemeng & BHA. Oper 5.5# csgn. Set (epg & 1.24 yld. R	ting has been completed. that the site is ready for final 2,000 psi. Test 8.625 ent @ 271'. Drill out n hole log w/ Dig/SP/GR @ 6221.72' / KB. Cement Returned 45 bbls of
I hereby certify that the foregoing is	true and	Title			
COFFECT (Printed/ Typed) Don Bastian		Drilling 1	Foreman		
Signature Signature		Date			
Von Ba	slion	10/16/20	07		
	Laboration Control			11 (1)	
					
Approved by			<u> Citle </u>	Dat	e
Conditions of approval, if any, are attached certify that the applicant holds legal or eqwhich would entitle the applicant to conditions.	uitable title to those rights in the subject uct operations thereon.	et lease (Office		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent	U.S.C. Section 1212, make it a crime i	for any person knowing matter within its iurisdi	ly and willfully to make to ction	any department or age	ency of the United

(Instructions on reverse)

RECEIVED

OCT 19 2007

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

			5 1/2	CASING SET		6181.95			
LAST CASIN	IG 8 5/8"	SET	321.3		OPERATOR	₹	Newfield I	Production (Company
DATUM						Jonah Fed			
		ASING _	12'		FIELD/PRO	SPECT	Monumen	t Butte	
		AD FLANGE			CONTRACT	FOR & RIG#		NDSI #2	
TD DRILLER	6235'	Loggers	6225'	<u>_</u>	TVD 6110'				
HOLE SIZE	7 7/8"								
LOG OF CA	SING STRIN	G:							
PIECES	OD	ITEM -	MAKE - DESCI	RIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt							14
		Short jt	4068' (6.82')						
161	5 1/2"	ETC LT & C	casing		15.5#	J-55	8rd	A	6169.95
		Float collar							0.6
1	5 1/2"	ETC LT&C	csg		15.5#	J-55	8rd	Α	38.52
			GUIDE	shoe			8rd	Α	0.65
CASING INV	ENTORY B	AL.	FEET	JTS	TOTAL LEN	IGTH OF ST	RING	` .	6223.72
TOTAL LEN	GTH OF STE	RING	6223.72	162	LESS CUT OFF PIECE				14
LESS NON	CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL	JTS. LEFT C	DUT	270.17	77	CASING SET DEPTH 6221.73				
	TOTAL		6478.64	169	l 1				
TOTAL CSG	. DEL. (W/O	THRDS)	6478.64	169	COMPARE				
TIMING			1ST STAGE	2nd STAGE]				
BEGIN RUN	CSG.		10/15/2007	11:00 PM	GOOD CIRC	C THRU JOB		Yes	
CSG. IN HO	LE		10/16/2007	3:00 AM	Bbls CMT C	IRC TO SUR	RFACE	47	
BEGIN CIRC			10/16/2007	3:11 AM	RECIPROCATED PIPE FORTHRUSTROKE NA				<u>KE NA</u>
BEGIN PUM	P CMT		10/16/2007	4:48 AM	DID BACK PRES. VALVE HOLD ? Yes				
BEGIN DSPI	CMT		10/16/2007	5:45 AM	BUMPED PLUG TO 1450 PSI			PSI	
PLUG DOW	٧		10/16/2007	6:06 AM					
CEMENT US	ED					B. J.			
STAGE	# SX			CEMENT TYP	PE & ADDITI	VES			
1	325	Premlite II w	/ 10% gel + 3 °	% KCL, 3#'s /s	k CSE + 2# s	k/kolseal + 1	/2#'s/sk Cell	o Flake	
		mixed @ 11	.0 ppg W / 3.49	cf/sk yield					,
2	400	50/50 poz V	V/ 2% Gel + 3%	KCL, .5%EC1	,1/4# sk C.F	. 2% gel. 3%	SM mixed @	14.4 ppg W/	1.24 YLD
CENTRALIZ	ER & SCRA	TCHER PLA	CEMENT			SHOW MAK	E & SPACII	NG	
Centralizers	Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								
							<u> </u>		
								4014010000	

COMPANY REPRESENTATIVE	Don Bastian	DATE

FORM 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM A	PPROVED
OMB No.	1004-0135
Expires Jan	uary 31,200

	5. Lease Serial No.
ı	USA UTU-020252-A

SUNDRY NOTICES AND REPORTS ON WELLS.

_	 	
	Allottee or	Tribe Name

S. Well Name and No. 10NAH FEDERAL 1-6-9-17		vell. Use Form 3160-3 (ils.	6. If Indian, Allottee or Tribe Name.
New of Operator New FIEL PRODUCTION COMPANY 30 Address Routs 3 Bos 3/30 Myton, UT \$4052 Location of Well (Flooringe, Sec., T., R., M. or Survey Description) Location of Well (Flooringe, Sec., T., R., M. or Survey Description) Location of Well (Flooringe, Sec., T., R., M. or Survey Description) 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION Acidize Acidize Acidize Acidize Deepen Production(Stur/Resume) Acidize Alter Craing New Construction Recomplete Recomplete Other Change Plans Plug & Abandon Temporarily Abandon Temporarily Abandon Temporarily Abandon Temporarily Abandon Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated sturring date of any proposed work and approximate duration detered. If the prepagate its despend directionally or ecomplete horizonally, give subsurface locations and measured and two vertical depths of all pertinent authors in the residence of the prepagate its despend directionally or ecomplete locations and measured and two vertical depths of all pertinent authors detered. If the prepagate its despend directionally or ecomplete locations and measured and two vertical depths of all pertinent authors detered. If the prepagate its despend directionally or ecomplete in a manipule completion or recompletion in t	!. Type of Well	_	nstensjinns in 12 voca. E	airlo	JONAH UNIT
AFF Well No. 3a Address Routs 3Box 3303 Myton, UT 840/32 1 Location of Well (Footage, Sec. T., R. M., or Survey Description) 1 Continent of Well (Footage, Sec. T., R. M., or Survey Description) 1 Location of Well (Footage, Sec. T., R. M., or Survey Description) 1 C. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION 1 TYPE OF ACTION 1 Acidize Alter Cusing Alter Cusing Fracture Treat Recomplete 3 Convert to Convert to Fracture Treat Plug Back Well Integrity Alter Cusing Fracture Treat Alter Cusing Fracture Treat Recomplete 3 Convert to Fracture Treat Recomplete 4 Convert to Fracture Treat Recomplete 5 Convert to Fracture Treat Recomplete Fracture	2. Name of Operator	Other			
Myton, UT 84052 Location of Well (Footage, Sec. T. R. M., or Survey Description) 10. Field and Pool, or Exploratory Area MONNMENT BUTTE 178 PM. 627 FEL NENE Section 6 T9S RITE 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF ACTION Notice of Intent 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated sturing date of any proposed work and approximate duration directed. If the proposal is to depend entercinally or recomplete information and instant and the vertical depth of all pertinent metals. In additions and measured and the vertical depth of all pertinents and ances, Attach the Boad during which which the work will be performed or provide the Boad to on file with BLMFBIA. Required subsequent reports shall be filled one indicate one of the survey of the produced to a steel storage tank. If the percentain is the operation is a first operation in the operation in a first operation is a first operation in the operation in the operation is a first operation in the operation in a first operation is a first operation in the operation in the operation is a first operation in the operation in a first operation in the operation is a first operation in the operation in the operation in a first operation in the operation in a first operation in a first operation in a first operation in the operation in a first operation in a first operation in the operation in the operation in a first operation in the operation in the operation in the operation in the operation operation in the operation of the operation in the operation operation in the operation in the operation in the operation i	NEWFIELD PRODUCTION C	OMPANY			9. API Well No.
Location of Well Frontinger, Sec. T. R. M., or Survey Description MONIMENT BUTTE I County or Parish, State DUCHESNE, UT 12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Reclamation Well Integrity Water Shut-Off Subsequent Report Albert Casing Fincture Treat Reclamation Well Integrity Other Prical Abandomment Convert to Plug & Abandon Temporarily Abandon Temporar			I '	re code)	
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION Acidize	, ,	Sec., T., R., M., or Survey Des			MONUMENT BUTTE
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent					11. County or Parish, State
TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent					
Notice of Intent Acidize		K APPROPRIATE BOX			,
Stubsequent Report	TYPE OF SUBMISSION		TY	PE OF ACTION	
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLMIBA. Required absolvable reports shall be filled within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completion or the involved operations. If the operation results in a multiple completion for recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completion or the involved operations. If the operation results in a multiple completion or recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completion or recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completion or the involved operations. If the operation results in a multiple completion or recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completion or the involved operations. If the operation is a multiple completion or recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completed in a multiple completion or recompletion in a new interval. a Form 3160-4 shall be filled within 30 days following completion or the production was interval. The production was a fill of the production of the production was a fill of the production	Subsequent Report	Alter Casing Casing Repair Change Plans	Fracture Treat New Construction Plug & Abandon	Reclamat Recomple Tempora	Well Integrity ete Other
Mandie Crozier 7 Regulatory Specialist Date 11/19/2007 Title Date Onditions of approval, if any, are attached. Approval of this notice does not warrant or entify that the applicant holds legal or equitable title to those rights in the subject lease thick would entitle the applicant to conduct operations thereon.	Water not meeting qualit approved surface dispos	ty criteria, is disposed at sal facilities.	Newfield's Pariette #4 di	sposal well (Se	c. 7, T9S R19E) or at State of Utah
poproved by It is a poproved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon.	correct (Printed/ Typed)	is true and		necialist	
Approved by	Mandie Crozler	7	Date		
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease thich would entitle the applicant to conduct operations thereon.	11/mm	WO4m		13 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	
onditions of approval, if any, are attached. Approval of this notice does not warrant or entify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Electric News			
ertify that the applicant holds legal or equitable title to those rights in the subject lease hich would entitle the applicant to conduct operations thereon.	Approved by				Date
	ertify that the applicant holds legal or	equitable title to those rights in the		e	

(Instructions on reverse)

States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

NOV 2 1 2007

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

5. LEA	ASE DESIGNATION AND SERIAL NUMBER
USA	UTU-020252-A

•	DIVISION OF OIL, GAS AN	D MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252-A
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
SUNDR	Y NOTICES AND REPO	ORTS ON WELLS	, , , , , , , , , , , , , , , , , , , ,
Do not use this form for proposals to d wells, or to drill horizon	rill new wells, significantly deepen existing wells be ttal laterals. Use APPLICATION FOR PERMIT TO	elow current bottom-hole depth, reenter plugged DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: JONAH UNIT
1 TYPE OF WELL			8. WELL NAME and NUMBER:
OIL WELL	GAS WELL OTHER		JONAH FEDERAL I-6-9-17
2. NAME OF OPERATOR:			9. API NUMBER:
NEWFIELD PRODUCTION COL	MPANY		4301333495
3. ADDRESS OF OPERATOR: Route 3 Box 3630	Myton CTATE LIT	PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL:	ITY Myton STATE UT	ZIP 84052 435.646.3721	MONUMENT BUTTE
FOOTAGES AT SURFACE: 778 FNL	527 FEL		COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP, RANGE	E. MERIDIAN: NENE, 6, T9S, R17E		STATE: UT
11. CHECK APPRO	PRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Notice of the second	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON
representation with the	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	
*****	CHANGE TUBING	=	TUBING REPAIR
X SUBSEQUENT REPORT		PLUG AND ABANDON	VENT OR FLAIR
SUBSEOUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of Work Completion:	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	X OTHER: - Weekly Status Report
11/30/2007	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show a	all pertinent details including dates, depths, v	volumes etc
	as completed on 11/09/07, attached is		
, , , , , , , , , , , , , , , , , , , ,		o a daily completion states report.	
	_		
	$\overline{}$		
NAME (PLEASE PRINT) Jentri Park	/ /	TITLE Production Clerk	
MANUE (FLEASE PRINT) JOHN I CAR	11/	TITLE Production Clerk	
SIGNATURE - HMV		DATE 11/30/2007	
	0,000		
	7		

RECEIVED

DEC 0 3 2007

Daily Activity Report

Format For Sundry
JONAH I-6-9-17
9/1/2007 To 1/30/2008

11/2/2007 Day: 1

Completion

Rigless on 11/1/2007 - Instal 5K frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6124 & cement top @ 41'. Perforate stage #1, CP3 sds @ 5838-54' w/ 3-1/8" Slick Guns (19 gram, .49"HE. 120°) w/ 4 spf for total of 64 shots. 147 bbls EWTR. SIFN.

11/6/2007 Day: 2

Completion

Rigless on 11/5/2007 - RU BJ Services. 36 psi on well. Frac CP3 sds w/ 16,242#'s of 20/40 sand in 304 bbls of Lightning 17 fluid. Broke @ 1937 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2022 psi @ ave rate of 24.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 1832 psi. Leave pressure on well. 451 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 9' perf gun. Set plug @ 5800'. Perforate CP1 sds @ 5739- 48' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 36 shots. RU BJ Services. 1382 psi on well. Frac CP1 sds w/ 15,652#'s of 20/40 sand in 292 bbls of Lightning 17 fluid. Broke @ 3028 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2263 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2212 psi. Leave pressure on well. 743 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 5400'. Perforate A1 sds @ 5293- 5303' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. RU BJ Services. 1525 psi on well. Frac A1 sds w/ 54,446#'s of 20/40 sand in 496 bbls of Lightning 17 fluid. Broke @ 2824 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2261 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2369 psi. Leave pressure on well. 1239 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 15' perf gun. Set plug @ 5100'. Perforate C sds @ 4992- 5007' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 60 shots. RU BJ Services. 1884 psi on well. Frac C sds w/ 39,458#'s of 20/40 sand in 409 bbls of Lightning 17 fluid. Broke @ 2405 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2368 psi @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 2713 psi. Leave pressure on well. 1639 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 8' perf gun. Set plug @ 4920'. Perforate D1 sds @ 4817- 25' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. RU BJ Services. 1757 psi on well. Frac D1 sds w/ 44,812#'s of 20/40 sand in 433 bbls of Lightning 17 fluid. Broke @ 1922 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2294 psi @ ave rate of 24.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2373 psi. Leave pressure on well. 2072 BWTR RU Perforators WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 6K composite flow through frac plug & 12' perf gun. Set plug @ 4450'. Perforate GB6 sds @ 4342- 54' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 48 shots. RU BJ Services. 1763 psi on well. Frac GB6 sds w/

Summary Rig Activity Page 2 of 2

25,976#'s of 20/40 sand in 357 bbls of Lightning 17 fluid. Broke @ 1873 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ave pressure of 2178 psi @ ave rate of 24.8 BPM. ISIP 2183 psi. Begin immediate flowback on 12/64 choke @ 1 BPM. Flowed for 6 1/2 hrs & died. Rec. 378 BTF. SIWFN w/ 2051 BWTR.

11/7/2007 Day: 3

Completion

Western #1 on 11/6/2007 - SICP @ 875 psi. Blees well off. Stays flowing strong W/high oil cut. RU Perforators LLC WLT, mast & lubricator. RIH W/ Weatherford 5 1/2" solid compsite bridge plug. Set plug @ 4248'. Bleed well off. RD WLT. MIRU Western #1. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NU Weatherford Schaeffer BOP. Prep pump & tank. RU floor & tongs and talley tbg. SIFN W/ est 2051 BWTR.

11/8/2007 Day: 4

Completion

Western #1 on 11/7/2007 - Talley, drift, PU & TIH W/ used Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rd 6.5# J-55 tbg. Stopped & circulated hole W/ wtr halfway in. Tag kill plug @ 4248'. RU power swivel. Drill out kill plug (950 psi on well). Circ oil & gas f/ well. Con't PU tbg, C/O sd & drill out composite bridge plugs as follows (using conventional circulation): no sd, plug @ 4450' in 20 minutes; no sd, plug @ 4920' in 13 minutes; no sd, plug @ 5100' in 14 minutes; no sd, plug @ 5400' in 10 minutes; sd @ 5779', plug @ 5800' in 17 minutes. Circ well clean & hang back swivel. SIFN W/ EOT @ 5923'. SIFN W/ est 1751 BWTR. Gained est 300 BW & 100 BW during cleanout.

11/9/2007 Day: 5

Completion

Western #1 on 11/8/2007 - Bleed well off--stays flowing steady W/ good oil cut. RU & circ well--returning to production tks. Con't PU & TIH W/ bit and tbg f/ 5923'. Tag fill @ 6091'. PU swivel. Drill plug remains & sd to PBTD @ 6182'. Circ hole clean--still flowing steady. Circ well W/ 150 bbls 10# brine wtr. Well fairly static. LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 184 jts 2 7/8 8rd 6.5# J-55 tbg. Well flowing again. Circ brine around again--fairly static. ND BOP. Set TA @ 5796' W/ SN @ 5831' & EOT @ 5895'. Land tbg W/ 16,000# tension. NU wellhead. Leave casing venting to production tks overnight. Estimating water loss @ 50 bbls for day. Est 1701 BWTR.

11/10/2007 Day: 6

Completion

Western #1 on 11/9/2007 - Casing is flowing to tk battery. SITP @ 90 psi. Flush tbg W/ 40 bbls 10# brine wtr. PU & TIH W/ pump and "A" grade rod string as follows: new CDI 2 1/2" X 1 3/4" X 18' RHAC pump, 4-1 1/2" weight rods, 228-7/8" scrapered rods (78 grade W/ 8 scrapers per rod), 1-8', 1-6' & 1-2' X 7/8" pony rod and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1741 BWTR. Place well on production @ 2:00 PM 11/9/2007 W/ 122" SL @ 4 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

RECEIVED

DEC 0 3 2007

DIV. OF OIL, GAS & MINING

UNITED STATES

(See other instructions ons reverse side)

SUBMIT INDUPLICATE* FORM APPROVED.

Expires:	February 28,	1995
OWR M). 1004-0137	

OMB NO. 1004-0137
Expires: February 28, 1995
LEASE DESIGNATION AND SERIAL NO.
U-020252A

. M. 2			PHEINIE			5. LEASE DESIG	NATION AND SERIAL NO.
	·	***************************************	ID MANAGEM			6. IF INDIAN. A	U-020252A LLOTTEE OR TRIBE NAME
WELL CON	IPLETION	OR RECC	MPLETION	REPORT A	AND LOG		NA
1a. TYPE OF WORK			a []			7. UNIT AGREE	MENT NAME
	OIL WELL	X GA WE		Other			Jonah
1b. TYPE OF WELL						8. FARM OR LE	ASE NAME, WELL NO.
NEW X WORL		PLI BA		Other		Jona	ah Federal I-6-9-17
2. NAME OF OPERATOR	<u> </u>	<u>-</u>				9. WELL NO.	
3. ADDRESS AND TELEPHONE NO		ewfield Explo	ration Compan	у			43-013-33495 POOL OR WILDCAT
5. ADDRESS AND TELEFHONE IN		n St. Suite 10	00 Denver, Co	O 80202		l	Monument Butte
4. LOCATION OF WELL (Repo At Surface	ort locations clearly	and in accordance w	rith any State requirement (SW/NE) Sec	ents.*)		11. SEC., T., R., N OR AREA	M., OR BLOCK AND SURVEY
At top prod. Interval reported be		TIS FNI		. 0, 100, 1112			ec. 6, T9S, R17E
		P	er DKD				
At total depth	029 fe	14. API 1	vo. 43-013-33495		1/30/07	12. COUNTY OR Duche	1
15. DATE SPUDDED 16. DATE 9/10/07	ET.D. REACHED 10/15/07		PL. (Ready to prod.) 0/16/07	18. ELEVATIONS (df, rkb, rt, gr, e O' GL	rc.)* 5282' KB	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD		CK T.D., MD & TVD	22. IF MULTIP		23. INTERVALS	ROTARY TOOLS	CABLE TOOLS
6235' (01)		6182' \ /\(\rightarrow\)	HOW MAN		DRILLED BY	X	
0235 (V) 1 24. PRODUCING INTERVAL(S), OF	THIS COMPLETION						25. WAS DIRECTIONAL
4. PRODUCING INTERVAL(S), OF	THIS COMPLETION		n River 5838'	-4354'			SURVEY MADE
6. TYPE ELECTRIC AND OTHER I		ensated Dens	sity Compensa	ited Neutron (GR Caliner	Cement Bond L	27. WAS WELL CORED NO
3.	, , , , , , , , , , , , , , , , , , , ,		SING RECORD (Rep				
CASING SIZE/GRADE	WEIGHT		EPTH SET (MD)	HOLE SIZE		MENT, CEMENTING RECOR	
8-5/8" - J-55 5-1/2" - J-55	15.		321' 6235'	12-1/4" 7-7/8"		with 160 sx Class "G' te II and 3400 sx 50/s	
0 172 0 00	10.				OZO OX I TOTAL	to II and 0400 bx 00x	50.02
9.		ER RECORD			30.	TUBING RECO	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	2-7/8"	DEPTH SET (MD)	PACKER SET (MD)
					2710	5895	5796'
1. PERFORATION RECORD (Inte			CDEANI CDE	32.		FRACTURE, CEMENT	
INTERVAL	23) 5838'-5854'	<u>SIZE</u> .49"	SPF/NUMBER 4/64	5838'-	ERVAL (MD) -5854'		CIND OF MATERIAL USED 0/40 sand in 304 bbls fluid
	P1) 5739'-5748'	.49"	4/36	5739'-			0/40 sand in 292 bbls fluid
	A1) 5293'-5303'	.49"	4/40	5293'-			0/40 sand in 496 bbls fluid
<u>`</u>	(C) 4992'-5007'	.49"	4/60	4992'-			0/40 sand in 409 bbls fluid
(0	01) 4817'-4825'	.49"	4/32	4817'-	4825'	Frac w/ 44,812 #'s :	20/40 sand in 433 bbls fluid
(G	B6) 4342-4354'	.49"	4/48	4342'-	4354'	Frac w/ 25976 #'s 2	20/40 sand in 357 bbls fluid
				CONTON			
3.* ATE FIRST PRODUCTION	PRODUCTIO	N METHOD (Flowing	PRODU- gas lift, pumpingsize and				WELL STATUS (Producing or shut-in)
11/15/07		2-1/2"	x 1-3/4" x 18' F	RHAC SM Plu			PRODUCING
ATE OF TEST	HOURS TESTED	CHOKE SIZE	TEST PERIOD		GASMCF.	WATER-BBL.	gas-oil ratio
10day ave	CASING PRESSURE	E CALCULATED	OIL-BBL.	95 GASMCF.	0		GRAVITY-API (CORR.)
		24-HOUR RATE		1	ļ		
. DISPOSITION OF GAS (Sold, used	for fuel, vented, etc.)	Sold & Use	d for Fuel	•		TEST WITNESSEI	The Party of the same of the same
LIST OF ATTACHMENTS							9 2007
5. I hereby certify that the forego	ing and Attached in	formation is complet	e and correct as determ	ined from all availabl	e records oduction Cle	DEC 1	9 2007 CDATE 111/29/2007
Tammi Lee	<u></u>					F. O. T.	T)



Directional Survey Certification

7327 West Barton Road Casper, WY 82604 (307)-472-6621 Fax (307) 472-5439

RE:	Newfield Exploration Co	Operator		
	Jonah Unit I-6-9-17	Well Name & No.	•	
	Duchesne County, UT	County & State	•	
	42DEF0710791	SDI Job No.		
ŀ,	Julie Cruse	, having personal	knowledge of all t	the facts, hereby
certify that the a	attached directional survey	run from a measured depth of	334	feet to a
measured depth	n of <u>6235</u> feet is tru	e and correct as determined fror	n all available rec	ords.
Juli	Cruse	Rockies Region Engineer	Scientific	Drilling International
Sig	nature	Title		Company
State of : County of :	Wyomin Natrona	} ss		
On this 2 22 instrument	day of school da	to me known as the person describe executed the same as his/her	cribed in and who	executed the foregoing
Seal	Notary Pul	Seas My Co	19/2,200 ommission Expire	<u>19</u> s
	DAFICI NEAL - NO County of	TARY PUBLIC State of		



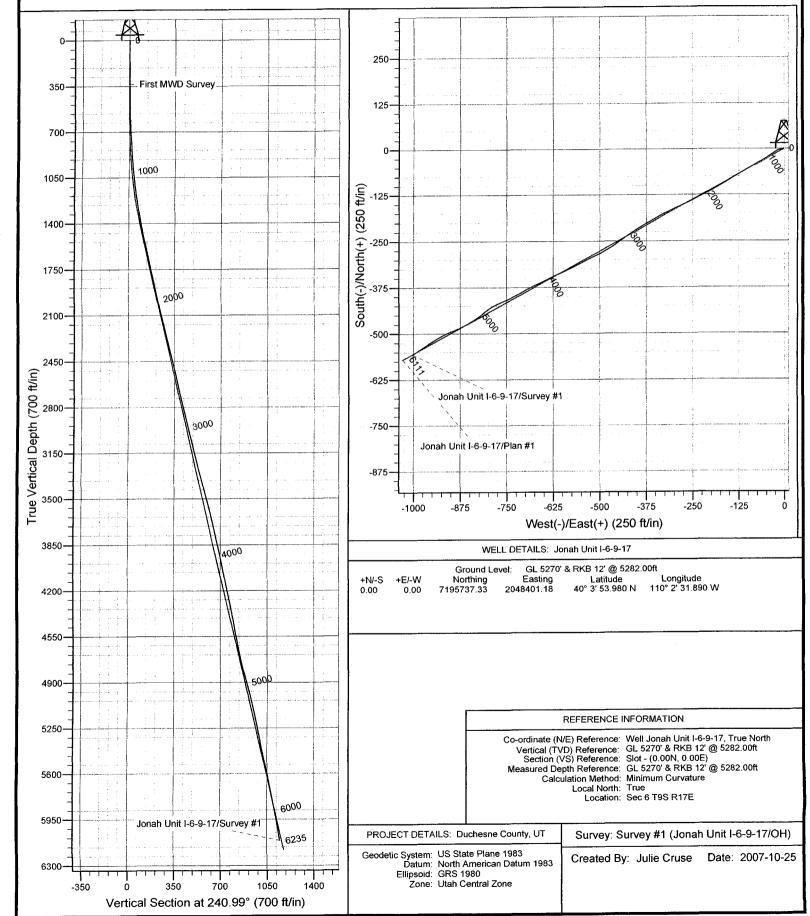
Project: Duchesne County, UT Site: Jonah Unit I-6-9-17

Well: Jonah Unit I-6-9-17

Wellbore: OH Design: OH

Newfield Exploration Co.





Newfield Exploration Co.

Duchesne County, UT Jonah Unit I-6-9-17 Jonah Unit I-6-9-17 OH

Survey: Survey #1

Standard Survey Report

25 October, 2007

Scientific Drilling

Survey Report

Company:

Newfield Exploration Co.

Project:

Duchesne County, UT

Site: Well: Jonah Unit I-6-9-17 Jonah Unit I-6-9-17

Wellbore: Design:

OН ОН Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method: Database:

Well Jonah Unit I-6-9-17

GL 5270' & RKB 12' @ 5282.00ft GL 5270' & RKB 12' @ 5282.00ft

True

Minimum Curvature

EDM 2003.16 Single User Db

Project

Duchesne County, UT

Map System: Geo Datum: Map Zone:

US State Plane 1983

North American Datum 1983

Utah Central Zone

System Datum:

Mean Sea Level

Site

From:

Jonah Unit I-6-9-17, Sec 6 T9S R17E

0.00 ft

Site Position:

Northing:

7,195,737.34 ft

Latitude:

40° 3' 53.980 N

Position Uncertainty:

Lat/Long

Easting:

2,048,401.18 ft

Longitude:

110° 2' 31.890 W

Slot Radius:

Easting:

Grid Convergence:

0.93°

Well

Jonah Unit I-6-9-17, 778' FNL, 627' FEL

Well Position +N/-S

+F/-W

0.00 ft 0.00 ft

Northing:

7,195,737.33 ft

Latitude: Longitude: 40° 3' 53.980 N

Position Uncertainty

0.00 ft

Wellhead Elevation:

2,048,401.18 ft

Ground Level:

110° 2′ 31.890 W 5,270.00 ft

Wellbore

ОН

Magnetics

Model Name

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF2005-10

2007-10-05

11.77

65.91

52,673

Design

Audit Notes:

Version:

1.0

ОН

Phase:

ACTUAL

Tie On Depth:

0.00

+N/-S

+E/-W

Vertical Section:

Depth From (TVD) (ft)

2007-10-25

0.00

(ft) 0.00

(ft) 0.00 Direction (°)

240.99

Survey Program

From (ft) (ft)

To

Survey (Wellbore)

Tool Name

Description

334.00

6,235.00 Survey #1 (OH)

MWD

MWD - Standard

Survey

Measured Depth (ft)	Inclination	Azimuth	Vertical Depth (ft)	+N/-S	+E/-W	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
(14)	(°)	(°)	1117	(ft)	(ft)	(11)	(/ looily	(/ 10014	(/ 10011)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
334.00	0.81	211.00	333.99	-2.02	-1.22	2.04	0.24	0.24	0.00
365.00	0.89	231.09	364.99	-2.36	-1.52	2.47	0.99	0.26	64.81
396.00	1.07	226.53	395.98	-2.71	-1.91	2.99	0.63	0.58	-14.71
426.00	0.69	242.96	425.98	-2.99	-2.28	3.44	1.51	-1.27	54.77
457.00	0.87	266.86	456.97	-3.09	-2.68	3.84	1.19	0.58	77.10
488.00	1.04	266.81	487.97	-3.11	-3.19	4.30	0.55	0.55	-0.16
519.00	1.22	276.12	518.96	-3.09	-3.80	4.83	0.83	0.58	30.03
549.00	1.53	286.28	548.96	-2.95	-4.51	5.37	1.31	1.03	33.87
580.00	2.01	282.71	579.94	-2.71	-5.43	6.07	1.59	1.55	-11.52
611.00	2.08	273.60	610.92	-2.56	-6.53	6.95	1.07	0.23	-29.39
642.00	2.48	268.54	641.90	-2.54	-7.76	8.02	1.44	1.29	-16.32
672.00	3.21	268 56	671.86	-2 58	-9 25	9.34	2 43	2 43	0.07

Scientific Drilling

Survey Report

Company: Project:

Newfield Exploration Co. Duchesne County, UT

Site: Well: Jonah Unit I-6-9-17 Jonah Unit I-6-9-17

Wellbore:

Design:

ОН ОН Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Jonah Unit I-6-9-17

GL 5270' & RKB 12' @ 5282.00ft GL 5270' & RKB 12' @ 5282.00ft

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured			Vertical			Vertical	Doglas	Build	Turn
Measured Depth	Inclination	Azimuth	verticai Depth	+N/-S	+E/-W	vertical Section	Dogleg Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
703.00	3.46	261.66	702.81	-2.73	-11.04	10.98	1.52	0.81	-22.26
734.00	4.03	252.25	733.74	-3.20	-13.00	12.92	2.70	1.84	-30.35
764.00	3.93	248.53	763.67	-3.90	-14.96	14.98	0.92	-0.33	-12.40
795.00	3.88	241.39	794.60	-4.79	-16.87	17.08	1.58	-0.16	-23.03
826.00	4.36	237.40	825.52	-5.93	-18.79	19.30	1.80	1.55	-12.87
857.00	4.24	232.44	856.43	-7.26	-20.69	21.61	1.26	-0.39	-16.00
887.00	4.56	237.37	886.34	-8.58	-22.57	23.90	1.65	1.07	16.43
919.00	4.68	236.55	918.24	-9.99	-24.73	26.47	0.43	0.37	-2.56
950.00	5.29	234.70	949.12	-11.51	-26.95	29.15	2.03	1.97	-5.97
982.00	5.99	237.86	980.96	-13.25	-29.57	32.29	2.39	2.19	9.87
1,013.00	6.04	239.61	1,011.79	-14.94	-32.35	35.53	0.61	0.16	5.65
1,045.00	6.70	238.00	1,043.60	-16.78	-35.38	39.08	2.14	2.06	-5.03
1,075.00	6.77	236.55	1,073.39	-18.68	-38.34	42.59	0.61	0.23	-4.83
1,107.00	7.25	236.04	1,105.15	-20.85	-41.59	46.48	1.51	1.50	-1.59
1,137.00	7.61	239.22	1,134.90	-22.92	-44.87	50.35	1.82	1.20	10.60
1,167.00	8.08	237.15	1,164.62	-25.08	-48.34	54.44	1.83	1.57	-6.90
1,198.00	8.34	240.71	1,195.30	-27.36	-52.14	58.86	1.84	0.84	11.48
1,228.00	8.92	239.28	1,224.96	-29.61	-56.03	63.36	2.06	1.93	-4.77
1,259.00	8.86	239.09	1,255.59	-32.07	-60.15	68.15	0.22	-0.19	-0.61
1,291.00	9.38	241.45	1,287.18	-34.58	-64.55	73.22	2.00	1.62	7.37
1,322.00	9.54	240.36	1,317.76	-37.06	-69.00	78.32	0.77	0.52	-3.52
1,353.00	10.31	239.60	1,348.30	-39.73	-73.63	83.66	2.52	2.48	-2.45
1,384.00	10.76	238.74	1,378.78	-42.64	-78.50	89.33	1.54	1.45	-2.77
1,415.00	11.39	240.44	1,409.20	-45.65	-83.63	95.28	2.29	2.03	5.48
1,445.00	11.75	239.45	1,438.59	-48.66	-88.84	101.29	1.37	1.20	-3.30
1,476.00	11.74	240.52	1,468.94	-51.82	-94.30	107.60	0.70	-0.03	3.45
1,508.00	12.37	240.17	1,500.23	-55.13	-100.11	114.29	1.98	1.97	-1.09
1,601.00	12.98	239.04	1,590.97	-65.46	-117.71	134.68	0.71	0.66	-1.22
1,695.00	13.18	240.35	1,682.53	-76.19	-136.07	155.95	0.38	0.21	1.39
1,791.00	12.74	238.32	1,776.08	-87.16	-154.59	177.47	0.66	-0.46	-2.11
1,885.00	12.52	240.41	1,867.81	-97.64	-172.28	198.01	0.54	-0.23	2.22
1,980.00	12.13	238.95	1,960.62	-107.87	-189.78	218.28	0.53	-0.41	-1.54
2,072.00	13.19	240.61	2,050.38	-118.01	-207.21	238.44	1.22	1.15	1.80
2,166.00	13.37	244.29	2,141.87	-127.98	-226.34	260.01	0.92	0.19	3.91
2,260.00	13.30	242.43	2,233.34	-137.70	-245.72	281.67	0.46	-0.07	-1.98
2,355.00	14.24	244.68	2,325.60	-147.76	-265.97	304.26	1.14	0.99	2.37
2,449.00	13.98	243.62	2,416.77	-157.75	-286.59	327.14	0.39	-0.28	-1.13
2,543.00	13.76	244.49	2,508.03	-167.61	-306.85	349.64	0.32	-0.23	0.93
2,637.00	13.24	242.98	2,599.43	-177.31	-326.53	371.55	0.67	-0.55	-1.61
2,732.00	11.77	240.25	2,692.18	-187.06	-344.64	392.12	1.67	-1.55	-2.87
2,825.00	13.00	241.71	2,783.01	-196.73	-362.08	412.06	1.36	1.32	1.57
2,920.00	14.37	240.56	2,875.31	-207.59	-381.76	434.53	` 1.47	1.44	-1.21
3,014.00	13.45	236.44	2,966.56	-219.36	-401.03	457.10	1.44	-0.98	-4.38
3,108.00	14.66	236.05	3,057.74	-232.05	-420.01	479.85	1.29	1.29	-0.41
3,202.00	13.82	232.26	3,148.85	-245.57	-438.75	502.80	1.33	-0.89	-4.03
3,294.00	14.22	235.99	3,238.11	-258,61	-456.81	524.91	1.07	0.43	4.05
3,387.00	15.09	238.57	3,328.09	-271.31	-476.61	548.39	1.17	0.94	2.77
3,479.00	15.01	243.19	3,416.94	-282.93	-497.46	572.26	1.31	-0.09	5.02
3,573.00	15.00	245.15	3,507.73	-293.53	-519.36	596.55	0.54	-0.01	2.09
3,666.00	14.21	241.05	3,597.73	-304.12	-540.27	619.97	1.40	-0.85	-4.41
3,761.00	13.12	242.80	3,690.04	-314.69	-560.07	642.41	1.23	-1.15	1.84
3,855.00	13.22	244.36	3,781.57	-324.22	-579.25	663.80	0.39	0.11	1.66
3,949.00	12.02	245.09	3,873.29	-332.99	-597.81	684.30	1.29	-1.28	0.78
4,043.00	11.39	244.28	3,965.34	-341.14	-615.05	703.33	0.69	-0.67	-0.86

Scientific Drilling

Survey Report

Company: Project: Newfield Exploration Co.

Site:

Duchesne County, UT Jonah Unit I-6-9-17

Site: Well:

Jonah Unit I-6-9-17

Wellbore: Design: ОН

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Jonah Unit I-6-9-17

GL 5270' & RKB 12' @ 5282.00ft GL 5270' & RKB 12' @ 5282.00ft

True

Minimum Curvature

EDM 2003.16 Single User Db

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
4,135.00	11.22	243.51	4,055.55	-349.08	-631.25	721.34	0.25	-0.18	-0.84
4,227.00	11.80	242.94	4,145.70	-357.35	-647.64	739.68	0.64	0.63	-0.62
4,319.00	11.37	246.64	4,235.83	-365.23	-664.34	758.11	0.93	-0.47	4.02
4,414.00	11.82	245.14	4,328.89	-373.03	-681.76	777.13	0.57	0.47	-1.58
4,509.00	9.92	239.53	4,422.18	-381.27	-697.65	795.02	2.29	-2.00	-5.91
4,605.00	9.56	239.74	4,516.80	-389.48	-711.66	811.25	0.38	-0.37	0.22
4,698.00	10.79	242.74	4,608.34	-397.36	-726.07	827.68	1.44	1.32	3.23
4,793.00	12.12	243.55	4,701.44	-405.87	-742.90	846.53	1.41	1.40	0.85
4,883.00	14.27	247.58	4,789.06	-414.31	-761.62	866.99	2.60	2.39	4.48
4,975.00	15.02	242.18	4,878.08	-424.20	-782.65	890.17	1.69	0.82	-5.87
5,069.00	15.15	231.53	4,968.86	-437.53	-803.04	914.47	2.95	0.14	-11.33
5,163.00	13.20	232.62	5,059.99	-451.69	-821.19	937.21	2.09	-2.07	1.16
5,256.00	11.86	236.76	5,150.77	-463.38	-837.62	957.25	1.73	-1.44	4.45
5,349.00	11.81	240.75	5,241.80	-473.27	-853.92	976.29	0.88	-0.05	4.29
5,442.00	10.50	240.37	5,333.04	-482.11	-869.59	994.29	1.41	-1.41	-0.41
5,536.00	11.60	248.04	5,425.30	-489.87	-885.80	1,012.23	1.95	1.17	8.16
5,629.00	12.33	249.18	5,516.28	-496.90	-903.75	1,031.34	0.83	0.78	1.23
5,723.00	11.91	240.49	5,608.19	-505.25	-921.57	1,050.97	1.99	-0.45	-9.24
5,815.00	11.53	239.63	5,698.27	-514.57	-937.77	1,069.66	0.45	-0.41	-0.93
5,910.00	11.45	235,15	5,791.37	-524.76	-953.70	1,088.53	0.94	-0.08	-4.72
6,004.00	10.63	235.54	5,883.63	-535.00	-968.50	1,106.44	0.88	-0.87	0.41
6,098.00	10.37	238.06	5,976.06	-544.38	-982.83	1,123.52	0.56	-0.28	2.68
6,185.00	9.31	237.25	6,061.78	-552.33	-995.40	1,138.37	1.23	-1.22	-0.93
6,235.00	9.31	237.25	6,111.12	-556.70	-1,002,20	1,146.44	0.00	0.00	0.00

Dip Dir. TVD (°) (ft)	+N/-S +E/-W (ft) (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
0.00 5,200.00 .23ft MD (5196.99 TVD,	-462.00 -833.00 -468.54 N, -845.82 E)	7,195,261.82	2,047,575.82	40° 3' 49 414 N	110° 2' 42.605 W
	(°) (ft) 0.00 5,200.00	(°) (ft) (ft) (ft)	(°) (ft) (ft) (ft) (ft) 0.00 5,200.00 -462.00 -833.00 7,195,261.82	(°) (ft) (ft) (ft) (ft) (ft) (ft) 0.00 5,200.00 -462.00 -833.00 7,195,261.82 2,047,575.82	(°) (ft) (ft) (ft) (ft) (ft) Latitude 0.00 5,200.00 -462.00 -833.00 7,195,261.82 2,047,575.82 40° 3' 49.414 N

Survey Annotat	ions Measured	Vertical	Local Cod	ordinates		
	Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
	334.00 6,235.00	333.99 6,111.12	-2.02 -556.70	-1.22 -1,002.20	First MWD Survey Projection to TD	

Checked By:	Approved By:	Date	